HOURLY READINGS

FROM THE

SELF RECORDING INSTRUMENTS,

AT THE

SEVEN OBSERVATORIES,

IN CONNECTION WITH THE

METEOROLOGICAL OFFICE,

Issued by Authority of the

METEOROLOGICAL COMMITTEE.

JULY, 1874.

Dangerfield, Lith. 22, Bedford St. Covent Garden.

OFFICE
OF THE
Chief Signal Officer.
No 2929
Shelf
Case

VALENCIA OBSERVATORY LAT 51.55′ N LONG 10.18′ W.

BAROMETER

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.799	29.781	29.743	29.713	29.689	29.677	29.665	29.665	29.667	29.669	29.683	29.661	29.675
2	.491	.451	.447	.457	.467	.463	.463	.463	.465	.475	.481	.474	.486
3	.528	.526	.532	.538	.544	.560	.576	.590	.594	.604	.624	.638	.656
4	29.803	29.796	29.804	29.812	29.826	29.844	29.862	29.880	29.898	29.910	29.930	29.950	29.956
5	30.124	30.130	30.134	30.142	30.156	30.170	30.194	30.216	30.234	30.247	30.266	30.284	30.286
6	.322	.311	.298	.290	.288	.294	.292	.302	.302	.290	.286	.282	.266
7	30.180	30.158	30.140	30.139	30.116	30.106	30.096	30.098	30.084	30.076	.079	.059	.038
8	29.961	29.957	29.951	29.948	29.951	29.961	29.971	29.985	29.989	29.999	.002	.006	.013
9	29.992	29.990	29.976	29.972	29.984	30.000	30.022	30.034	30.043	30.066	.074	.088	.098
10	30.198	30.198	30.186	30.188	30.204	.204	.216	.224	.222	.228	.223	.219	.221
11	30.167	30.153	30.139	30.127	30.115	30.103	30.101	30.089	30.077	30.063	30.064	30.036	30.032
12	29.969	29.956	29.946	29.944	29.946	29.948	29.952	29.946	29.948	29.952	29.962	29.962	29.966
13	.958	.948	.938	.936	.930	.944	.948	29.944	29.946	29.942	29.943	29.945	29.942
14	29.971	29.969	29.970	29.967	29.971	29.979	29.993	30.005	30.005	30.015	30.025	30.027	30.027
15	30.069	30.073	30.073	30.075	30.075	30.075	30.091	.101	.105	.111	.117	.123	.125
16	.119	.104	.095	.085	.087	.083	.069	.073	.066	.061	.067	.064	.064
17	.088	.082	.088	.090	.098	.102	.106	.104	.110	.120	.121	.121	.129
18	.103	.103	.085	.079	.079	.083	.079	.083	.084	.095	.087	.081	.077
19	.027	.017	30.019	30.017	30.029	30.031	30.037	30.045	30.055	30.063	30.067	30.057	30.052
20	30.021	30.001	29.987	29.971	29.959	29.951	29.949	29.941	29.929	29.909	29.900	29.882	29.862
21	29.778	29.782	.783	.802	.813	.830	.850	.862	.870	.876	.886	.896	.906
22	.887	.882	.866	.852	.850	.846	.850	.854	.850	.848	.852	.848	.846
23	.840	.842	.836	.838	.842	.852	.862	.876	.886	.892	.890	.899	.905
24	29.909	.897	.889	.883	.889	.895	.901	.911	.919	.929	.943	.946	.956
25	30.005	.995	.983	.971	.957	.933	.913	.907	.883	.841	.818	.794	.778
26	29.703	.688	.666	.658	.652	.642	.650	.650	.640	.644	.647	.643	.643
27	.605	.593	.574	.563	.563	.555	.554	.553	.553	.541	.537	.529	.519
28	.464	.464	.444	.441	.443	.444	.463	.473	.494	.507	.527	.532	.546
29	.712	.716	.724	.732	.737	.752	.768	.780	.792	.797	29.809	29.811	29.828
30	29.961	29.965	29.965	.967	.967	.975	.981	.983	.993	.996	30.013	30.006	30.012
31	30.032	30.003	30.000	29.976	29.982	29.993	29.980	29.980	29.981	29.978	29.966	29.958	29.941

DRY BULB THERMOMETER 12 FEET ABOVE GROUND

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	59.0	58.3	58.1	57.4	57.3	60.0	60.1	60.6	61.0	61.1	61.1	61.3	61.9	62.0	62.1	61.1	60.5	60.1	60.1	60.0	59.8	59.9	59.9	60.0
2	60.2	60.5	60.7	60.9	60.7	60.4	60.4	61.0	60.8	61.5	62.9	63.0	64.0	62.0	63.0	63.0	60.0	62.0	61.1	60.2	60.0	59.4	59.4	59.0
3	59.0	59.0	58.8	58.9	58.9	58.0	59.3	59.7	60.0	60.0	59.0	61.1	59.9	60.7	60.3	61.9	61.3	60.4	59.0	57.8	57.0	54.3	56.0	56.7
4	55.0	56.0	55.9	54.0	55.9	55.1	56.9	57.6	58.8	59.1	59.0	58.6	60.2	60.3	61.0	59.5	60.1	58.1	56.6	56.2	55.9	54.0	54.0	54.1
5	54.2	54.0	54.0	53.8	54.6	55.0	54.2	56.2	58.1	57.9	58.5	59.0	59.0	59.4	60.5	60.9	60.7	60.8	61.0	60.3	58.9	58.0	52.2	52.5
6	50.8	49.7	48.9	48.3	48.6	50.0	54.0	56.6	57.4	59.9	59.3	60.0	62.1	62.0	62.0	62.3	62.6	63.0	59.3	58.8	55.9	54.5	54.0	54.0
7	54.0	54.0	54.3	54.3	52.9	54.7	55.0	58.0	58.9	59.0	59.8	62.0	63.2	62.9	62.0	60.8	59.9	59.0	58.9	58.1	57.7	57.9	57.0	58.3
8	57.5	57.6	58.2	58.3	58.7	58.8	59.4	60.2	60.2	61.7	63.0	64.3	64.9	65.0	64.5	65.2	63.3	62.0	61.6	61.0	60.2	60.4	59.2	60.0
9	59.6	59.6	59.9	60.0	59.8	60.2	60.1	60.0	62.3	61.4	62.3	62.2	63.0	63.4	63.1	64.1	62.2	63.0	60.1	59.0	57.4	56.9	56.3	
10	56.3	56.1	56.0	56.0	56.0	56.1	56.3	57.1	59.4	60.3	60.0	60.5	60.9	61.0	61.2	61.4	61.0	60.2	58.6	57.3	57.2	56.7	55.7	55.4
11	55.6	56.0	55.6	55.1	55.0	55.5	57.0	58.9	60.0	60.2	59.8	60.0	61.0	60.0	60.0	60.1	60.8	61.0	61.0	61.0	60.3	60.0	59.7	59.0
12	59.0	58.6	58.3	58.5	58.3	58.9	59.9	61.9	64.0	65.0	63.1	63.9	65.1	66.0	65.1	66.9	64.0	63.4	61.8	61.4	61.1	60.2	60.3	61.0
13	61.0	61.0	61.0	61.0	61.0	61.3	61.5	61.7	62.0	62.1	63.0	63.3	63.8	63.3	63.5	62.6	65.0	63.2	65.0	63.8	61.0	60.9	60.7	60.1
14	58.0	58.1	59.7	59.6	59.0	59.0	60.0	61.0	62.0	63.2	63.7	64.1	64.6	64.6	64.8	65.2	64.7	63.1	62.3	61.7	61.3	60.6	60.5	60.6
15	60.4	60.6	59.0	58.6	58.9	59.1	60.6	61.6	62.6	63.7	62.3	63.6	64.2	65.6	64.2	64.6	68.0	66.2	64.7	63.6	61.6	59.3	58.7	58.6
16	58.6	58.6	58.3	59.6	59.6	60.6	62.9	64.1	64.8	65.8	68.0	70.1	71.4	70.0	70.6	60.0	69.9	67.9	66.2	64.7	63.2	63.0	63.0	62.1
17	62.4	62.2	62.4	60.0	59.7	60.3	62.0	62.1	64.0	65.0	67.1	67.2	68.4	69.2	70.5	72.3	71.6	72.0	68.0	65.1	63.1	62.2	62.0	61.6
18	61.8	61.1	62.1	61.5	61.3	62.0	63.0	64.0	64.6	66.1	67.7	68.7	70.1	70.8	71.3	71.6	72.0	68.2	65.8	64.8	64.6	64.1	63.6	62.7
19	60.9	61.6	60.6	60.7	59.4	58.7	59.7	60.1	61.1	60.8	61.6	62.6	64.6	63.6	62.8	63.6	64.6	62.9	60.6	60.1	59.6	59.5	60.5	58.9
20	59.6	58.6	58.7	58.8	58.8	58.6	59.6	59.3	60.0	58.9	60.5	60.2	61.6	62.7	62.8	62.0	62.1	61.0	59.8	58.5	58.1	58.2	59.6	
21	56.9	56.3	57.2	57.0	58.9	56.9	56.9	58.5	58.7	60.0	61.0	61.7	60.8	59.9	61.4	60.8	57.4	58.2	58.9	58.8	57.0	57.5	58.2	58.6
22	57.1	57.0	58.0	57.4	57.1	57.3	59.0	60.0	60.0	61.0	63.0	62.5	60.0	62.2	65.0	63.7	62.6	63.6	60.3	59.4	57.2	56.5	56.4	56.9
23	57.0	56.8	56.2	56.2	56.2	57.1	58.2	60.0	60.0	60.9	61.9	62.0	62.3	62.6	60.8	62.1	62.0	59.8	59.1	59.1	58.0	56.2	57.2	56.3
24	56.7	56.8	57.0	56.6	56.1	57.0	58.0	59.0	59.2	60.1	61.0	62.0	62.0	62.5	62.7	62.9	62.9	62.9	60.6	59.3	58.7	58.0	57.2	57.0
25	56.9	56.0	56.2	56.4	56.9	57.9	59.0	59.0	58.8	59.0	59.3	60.2	62.0	61.5	62.2	60.6	61.0	61.8	60.5	59.6	58.1	58.0	58.1	56.2
26	55.9	56.0	56.0	57.0	58.1	58.0	57.0	58.9	59.3	60.5	59.1	59.9	60.7	60.6	61.2	58.6	59.2	57.3	58.6	56.2	56.1	55.8	54.0	53.1
27	54.8	54.4	54.6	54.7	56.0	56.2	57.2	56.4	56.6	57.0	58.2	60.9	61.2	61.3	62.1	62.0	61.7	61.5	60.7	58.7	56.0	56.3	56.1	56.0
28	55.1	54.0	54.0	53.0	53.0	54.5	56.4	58.0	59.5	59.6	62.4	63.1	63.0	64.0	64.0	64.0	63.2	62.1	60.9	59.3	58.2	58.0	57.5	57.3
29	57.2	57.0	56.0	55.1	55.1	54.6	58.0	59.0	59.6	61.5	61.0	64.0	65.0	63.7	62.0	63.2	63.0	61.9	58.8	58.0	58.5	58.0	57.8	58.0
30	57.4	57.0	55.8	56.0	55.6	55.8	58.5	59.3	59.3	60.7	61.3	62.0	62.8	60.5	60.4	61.2	60.1	60.0	60.0	59.5	59.0	59.1	59.9	59.9
31	59.4	59.3	59.2	59.3	59.3	59.3	59.1	58.1	60.0	60.7	61.0	61.7	61.8	61.1	60.4	60.0	60.0	60.0	60.5	60.0	59.1	59.0	58.5	58.6

HOURLY VALUES *July* 1874

CISTERN 23 FEET ABOVE MEAN SEA LEVEL

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
29.673	29.667	29.653	29.639	29.621	29.621	29.613	29.604	29.583	29.551	29.525	1
.492	.494	.508	.506	.510	.528	.533	.536	.540	.539	.536	2
.662	.680	.686	29.690	29.708	29.722	29.742	29.760	29.778	29.794	29.798	3
29.976	29.986	29.992	30.004	30.026	30.042	30.058	30.076	30.092	30.104	30.112	4
30.290	30.290	30.290	.294	.302	.310	.316	.320	.332	.334	.330	5
.258	.250	.236	30.230	30.212	30.208	30.206	30.206	30.200	30.194	30.194	6
.025	.007	.001	29.985	29.971	29.967	29.967	29.957	29.949	29.951	29.957	7
.012	.006	.004	30.000	29.998	29.994	29.992	29.998	30.002	30.001	29.994	8
.100	.110	.114	.112	30.128	30.144	30.166	30.178	.190	.209	30.200	9
.222	30.205	30.203	30.203	30.199	30.191	30.201	30.202	30.191	30.189	30.187	10
30.008	29.990	29.974	29.966	29.954	29.950	29.956	29.960	29.960	29.960	29.964	11
29.960	.956	.956	.960	.962	.962	.966	.976	.978	.973	.962	12
29.935	29.947	29.945	29.954	29.951	29.963	29.963	29.967	29.971	29.967	29.967	13
30.029	30.035	30.041	30.035	30.039	30.051	30.051	30.057	30.063	30.067	30.067	14
.126	.123	.119	.113	.115	.119	.123	.129	.137	.125	.122	15
.066	.060	.057	.056	.056	.066	.070	.082	.096	.090	.090	16
.131	.119	.113	.113	.103	.101	.107	.113	.111	.121	.115	17
.071	.052	.042	.041	.029	.027	.031	.032	.031	.032	.027	18
30.051	30.051	30.040	30.041	30.045	30.049	30.041	30.041	30.039	30.032	30.031	19
29.830	29.800	29.776	29.762	29.764	29.762	29.762	29.760	29.768	29.774	29.776	20
.908	.908	.910	.907	.910	.916	.916	.922	.918	.906	.896	21
.842	.828	.818	.806	.802	.806	.812	.822	.826	.832	.832	22
.909	.909	.919	.910	.915	29.919	29.925	29.920	29.919	29.919	29.909	23
.973	.976	.986	.995	.996	30.021	30.016	30.026	30.035	30.033	30.015	24
.762	.746	.752	.738	.728	29.733	29.726	29.733	29.722	29.720	29.713	25
.636	.626	.625	.624	.623	.621	.617	.624	.624	.623	.613	26
.521	.504	.503	.499	.494	.494	.493	.494	.493	.491	.481	27
.558	.580	.602	.612	.618	.627	.648	.682	.694	.697	.708	28
29.839	29.843	29.846	29.855	29.859	29.879	29.889	29.919	29.931	29.943	29.949	29
30.018	30.023	30.028	30.030	30.030	30.033	30.038	30.052	30.052	30.040	30.043	30
29.930	29.923	29.920	29.908	29.906	29.910	29.916	29.930	29.940	29.941	29.936	31

WET BULB THERMOMETER 12 FEET ABOVE GROUND

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
57.1	56.1	56.2	56.0	56.4	59.0	59.1	59.3	59.9	60.0	60.0	60.0	60.1	60.0	60.1	59.7	59.1	59.0	58.9	58.7	58.5	58.5	58.8		1
59.1	59.2	59.3	58.1	58.0	57.9	57.6	58.0	58.0	58.1	59.0	59.0	59.5	58.2	59.0	59.0	59.0	58.0	57.1	56.5	56.0	56.2	55.7	56.4	2
55.2	55.6	55.0	55.0	54.9	54.2	55.0	55.2	55.4	55.8	55.7	56.4	56.0	56.1	56.8	56.6	56.2	55.8	55.0	54.0	53.5	51.9	52.1	52.6	3
51.9	52.0	51.1	50.3	52.1	51.2	52.0	52.0	52.3	53.0	52.8	53.7	53.5	54.0	54.1	53.1	54.0	52.9	51.4	51.2	50.9	50.6	49.9	50.9	4
50.0	50.0	50.4	50.7	50.9	50.9	50.3	51.9	53.3	53.0	52.5	53.1	52.0	53.0	53.3	54.0	53.0	53.9	54.0	54.0	50.7	49.5	48.6	49.9	5
48.7	49.6	48.9	48.7	47.0	48.3	51.9	52.2	52.8	53.8	53.3	52.0	54.0	54.8	54.1	54.2	52.2	54.7	53.7	53.8	51.8	51.2	51.8	51.7	6
51.9	51.7	51.7	51.2	50.5	52.0	52.0	54.9	54.0	53.9	54.6	56.0	56.2	57.2	56.6	55.3	55.0	55.0	55.7	55.6	56.2	57.0	56.0	56.0	7
56.4	57.0	57.4	57.6	57.8	58.1	58.6	59.1	59.0	59.6	60.1	60.7	60.9	60.2	60.0	61.0	59.2	58.8	58.2	57.8	57.8	57.8	57.2	57.3	8
58.0	58.5	58.9	59.0	59.0	57.3	57.8	58.0	59.1	58.2	58.3	59.3	59.4	59.3	59.4	60.0	58.4	59.3	57.1	56.3	54.4	54.0	53.2	52.0	9
52.0	52.0	51.4	51.4	51.3	52.0	53.0	53.6	53.5	53.3	52.3	53.0	54.0	53.7	53.0	53.0	52.8	52.0	52.4	52.5	52.0	52.0			10
53.0	52.8	52.8	52.3	53.0	54.1	54.6	55.4	56.0	56.1	57.1	57.5	58.0	58.2	58.9	59.6	60.0	60.0	60.0	59.2	59.0	58.7	58.0		11
58.0	57.4	57.0	56.5	56.4	57.0	58.0	58.5	60.1	61.1	59.9	59.7	60.0	60.4	60.8	61.1	60.0	59.9	59.0	59.0	59.0	59.0	59.0	59.5	12
60.0	60.0	60.0	60.0	60.0	60.2	60.8	61.0	61.0	61.1	62.0	62.0	62.1	62.0	62.0	61.8	61.4	60.1	61.0	60.0	59.0	58.0	58.0	58.0	13
56.0	56.0	56.3	57.1	56.9	56.4	57.2	58.0	59.0	59.0	60.1	60.1	60.6	60.1	61.5	61.0	60.1	59.8	59.8	59.2	59.1	59.1	58.1	58.0	14
58.1	59.3	58.0	58.0	58.1	58.1	59.5	60.0	61.0	61.0	61.0	61.0	62.0	63.3	63.0	64.0	63.9	63.1	61.9	61.1	60.0	58.9	57.5	57.5	15
56.4	56.8	56.1	57.8	57.1	58.8	60.8	60.4	62.2	62.0	62.1	63.8	64.1	63.6	64.2	63.0	64.2	63.0	62.2	62.0	61.1	61.0	61.0	61.0	16
61.2	59.3	59.0	58.1	59.0	60.0	58.4	60.3	61.1	62.6	62.6	62.3	63.6	64.1	65.0	64.6	65.4	63.9	62.1	60.1	60.0	60.1	60.0		17
60.2	60.4	60.0	59.5	60.0	60.3	61.0	61.6	63.0	54.0	64.4	64.6	64.0	64.0	64.1	64.9	63.1	62.2	62.1	62.0	62.0	62.1	62.0		18
60.0	59.8	60.0	59.1	59.1	59.1	59.4	58.6	60.0	59.0	58.8	58.6	58.6	58.0	57.5	57.2	57.0	57.1	57.0	57.0	57.6	57.0	57.0		19
56.6	55.7	57.0	56.0	56.7	58.0	57.0	58.2	57.1	57.9	58.4	58.4	59.1	61.2	61.1	60.0	59.5	58.9	58.0	56.5	56.2	55.0	54.1		20
53.9	53.9	53.0	52.4	52.7	53.3	55.6	55.4	55.4	55.4	56.7	56.6	55.7	56.0	55.7	56.0	54.9	53.0	55.0	53.9	54.0	55.7	56.0		21
55.0	55.7	55.0	55.3	55.2	56.5	56.5	56.6	57.1	58.0	58.0	56.0	57.7	59.0	58.0	57.0	56.9	56.0	55.0	54.0	54.0	53.8	53.9		22
53.0	52.8	53.0	53.0	53.6	54.0	55.0	55.0	55.2	56.0	56.5	57.0	57.0	56.0	57.8	57.0	55.5	54.8	54.9	54.0	53.0	53.9	53.5		23
53.3	54.4	53.2	52.8	53.1	54.4	54.0	54.9	55.5	56.0	57.0	57.2	57.0	57.0	57.0	57.0	56.0	55.4	56.2	54.9	54.4	54.0			24
54.0	54.2	54.4	55.0	55.4	54.9	56.1	57.0	57.6	58.1	59.3	61.0	61.0	61.0	60.2	59.1	59.5	58.1	57.2	56.2	56.0	55.0	54.0		25
53.8	53.4	53.3	52.0	53.5	53.8	54.2	55.7	55.5	54.6	55.9	55.8	56.0	56.0	55.0	55.7	54.9	53.7	53.4	50.9	52.0	51.7	50.2		26
51.6	50.5	51.1	52.8	53.3	53.4	53.2	53.7	53.3	53.3	55.2	55.7	54.8	55.3	55.0	55.5	54.3	54.3	53.6	52.6	53.2	53.0	52.7		27
52.2	52.0	51.2	51.0	52.0	53.0	54.0	54.4	55.9	55.8	56.2	57.1	57.0	57.0	57.9	58.0	57.2	56.9	55.1	54.9	54.9	54.2	54.3		28
54.0	53.0	52.9	52.3	52.1	54.3	54.6	54.7	56.4	56.5	58.9	59.7	58.5	58.0	58.9	59.0	58.0	56.4	55.8	54.7	52.2	51.6	52.0		29
52.0	51.6	52.0	52.1	52.2	54.8	54.9	55.0	56.6	57.8	58.2	58.7	58.8	58.8	58.1	57.3	57.2	57.0	57.0	56.7	57.1	58.0	58.0		30
58.3	58.4	58.5	58.2	56.3	58.1	57.0	58.0	58.6	59.0	59.0	59.0	58.3	58.6	59.0	59.4	59.4	57.4	58.7	57.4	58.5	57.9	58.8		31

Meteorological Office,
116 Victoria Street Westminster. S W.

ROBERT H. SCOTT, Director.

VALENCIA OBSERVATORY LAT. 51°55′ N LONG. 10°18′ W.

WIND

DIRECTION IN NUMBERS { 8 – E, 24 – W. / 16 – S, 32 – N. }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	17	20	17	18	14	23	13	21	13	18	17	36	18	38	18	38	18	41	17	33	18	45	18	47	17	45
2	16	46	16	52	18	53	17	45	17	41	18	42	18	40	17	39	17	41	17	34	18	45	18	45	18	45
3	19	46	20	47	20	47	20	43	20	40	20	49	20	43	20	42	20	43	20	37	20	44	20	47	20	46
4	22	32	22	34	22	29	23	28	22	26	22	30	23	28	23	32	22	34	23	26	23	34	23	31	23	34
5	26	13	26	13	25	13	26	11	26	12	27	11	29	12	26	11	28	13	29	11	29	14	29	12	30	13
6	28	2	26	1·5	30	4·5	30	2	30	4	8	4·5	10	6·5	10	4·5	24	6·5	24	7·5	22	5·5	23	13	22	15
7	26	3	26	4	7	4	16	6·5	16	6·5	16	7·5	12	6·5	16	12	19	14	19	17	17	18	16	19	16	18
8	20	21	19	20	20	21	20	20	20	18	20	17	20	18	20	19	20	18	19	18	18	21	19	20	18	20
9	16	21	17	24	18	25	19	24	19	17	22	11	22	13	24	12	22	10·5	26	9·5	25	9·5	27	6·5	24	6·5
10	1	13	1	12	2	12	2	11	1	10·5	2	11	1	9·5	1	10·5	2	7·5	32	7·5	32	10·5	29	12	30	13
11	25	3	25	4	25	5·5	25	6·5	15	8·5	15	5·5	15	9·5	14	12	14	20	15	16	14	25	14	27	14	26
12	22	6·5	22	6·5	22	6·5	23	6·5	21	4	21	4·5	21	5·5	12	6·5	15	11	15	9·5	20	12	21	13	21	14
13	15	15	14	23	14	21	14	17	14	18	16	18	16	12	15	10·5	16	18	16	18	16	19	18	22	19	23
14	23	13	23	12	20	13	20	11	22	18	23	14	23	14	23	15	23	13	22	13	21	18	20	17	21	16
15	10	6·5	16	10·5	21	11	21	4·5	15	9·5	16	5·5	16	9·5	18	11	16	14	16	16	18	16	19	13	15	14
16	15	8	15	4	15	4	15	10·5	14	5·5	14	5·5	14	6·5	16	10·5	14	19	14	19	14	23	15	24	15	21
17	16	17	17	18	28	10·5	24	5·5	24	4	24	3	17	6·5	19	8·5	16	10·5	15	11	16	17	15	18	16	22
18	14	21	14	22	14	22	14	24	14	25	14	25	13	29	13	29	14	28	14	25	14	27	14	33	14	32
19	23	14	24	7·5	23	6·5	21	4·5	26	7·5	26	6·5	29	5·5	28	5·5	27	10·5	27	8·5	24	8·5	25	10·5	21	13
20	22	9·5	24	9·5	23	11	23	14	23	13	23	13	22	13	20	16	20	14	20	20	18	18	18	23	18	19
21	27	28	26	26	27	28	28	20	28	23	28	22	28	19	25	18	25	19	26	17	26	22	25	27	25	24
22	23	13	24	12	24	12	24	10·5	24	6·5	24	7·5	22	11	21	12	21	17	21	16	22	18	21	19	25	17
23	26	12	27	13	26	15	25	13	26	12	25	15	27	17	26	17	26	20	26	18	26	23	26	23	26	20
24	28	11	28	10·5	27	11	28	12	29	12	28	12	30	13	29	14	30	15	30	16	30	16	31	16	30	17
25	32	2	32	1·5	32	2	32	2	13	7·5	17	8·5	16	14	18	19	16	22	15	30	15	30	15	26	20	22
26	24	18	23	18	24	19	23	19	24	17	23	23	24	21	24	22	23	27	24	25	24	26	23	29	22	28
27	23	17	23	19	24	17	22	16	20	20	20	18	20	18	24	9·5	22	15	20	13	21	14	20	17	19	18
28	16	11	14	13	14	10·5	11	7·5	11	10·5	11	9·5	9	12	9	10·5	8	8·5	3	8·5	32	12	32	14	31	10·5
29	29	11	29	8·5	29	3	29	5·5	29	6·5	29	3	29	4	25	5·5	25	6·5	26	6·5	23	8·5	22	14	21	15
30	27	12	27	8·5	27	7·5	26	9·5	26	7·5	26	9·5	24	15	23	18	23	18	22	15	24	18	24	20	23	20
31	22	15	22	18	23	20	23	20	23	23	23	21	23	19	24	20	23	25	23	29	22	26	22	29	22	32

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET. / HEIGHT ABOVE MEAN SEA LEVEL 11 FEET. }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·080	·060	·050	·090	·055	·040	·070	·080	·045	·030	·050	–	·003	·002	–	·057	·050	·082	·100	·090	·060	·060	·070	·048
2	·075	·171	·015	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	–	·010	–
3	·003	·030	–	–	–	–	–	–	–	·215	–	–	·050	–	–	–	–	–	·020	·040	·045	·040	·021	·007
4	·010	–	–	–	·015	–	·010	·020	·015	·010	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	·010	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·007	·020	·010	·002	·002
8	·015	·020	·002	·004	–	–	·004	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	·048	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	·007	–	·003	–	–	–	–	–	–	–	–	–	–	·025	·015	·025	·025	·015	·005	·035	–	–	·002	·002
12	–	–	·002	·002	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005
13	·020	·002	·002	·005	·020	·010	·070	·010	·075	–	–	–	·005	·002	·003	·005	–	–	–	–	·002	·002	·002	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	·005	·020	·005	·002	·002	–	–	–	–	·015	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·040
17	·030	·005	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·048	·040
19	·075	·040	·005	·010	·030	·060	·055	·040	·045	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	·025
20	–	–	–	–	–	–	–	·001	·001	·020	–	·030	–	·030	·020	·045	·040	·025	·015	·005	·005	·005	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	·010	·002	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	·002	–	–	–	–	–	–	–	–	–	–	·015	·005	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	–	–
24	–	–	–	–	·005	·020	·025	·043	·032	·020	–	–	–	–	–	–	–	–	–	–	–	–	–	·025
25	·047	·050	·010	·043	·030	–	–	–	·020	–	·050	·075	·050	·035	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	·007	·010	·020	–	–	–	–	·010	·010	·020	–	·015	–	–	·060	·135	–
27	·002	·002	–	–	·002	–	·080	·240	·040	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	·007	·001	·001	·001	–	·002	·002	·002	·002	·002	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	·001	·001	·001	·001	·001	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	·002	·002	–	·020	–	–	–	·005	–	–	–	–	–	·015
31	·030	·002	·010	–	·005	·010	·020	·005	·005	·002	–	–	–	–	–	–	–	·005	·002	–	–	–	–	·020	·010

HOURLY VALUES *July* 1874

AND VELOCITY IN MILES PER HOUR

2		3		4		5		6		7		8		9		10		11		MIDT.		
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
17	47	17	44	18	44	17	44	16	42	17	43	16	42	16	41	16	44	15	42	16	44	1
18	45	18	46	19	43	18	45	18	44	18	40	18	46	18	44	18	43	19	46	18	44	2
21	45	21	43	20	43	20	42	21	37	20	35	:	35	21	34	22	32	21	32	21	34	3
24	35	23	33	24	29	23	30	23	25	24	23	24	19	25	17	27	16	25	17	25	15	4
30	13	30	10·5	30	13	30	10·5	30	10·5	29	7·5	29	6·5	29	7·5	29	4·5	29	4·5	29	5·5	5
22	15	23	16	22	15	23	14	26	10·5	26	4	26	4	26	5·5	26	2	26	1·5	26	1·5	6
16	22	16	21	18	25	18	20	17	21	18	20	17	20	16	25	16	20	22	19	20	20	7
19	24	18	19	16	22	16	25	17	24	17	25	16	25	16	24	17	21	17	20	16	17	8
29	7·5	30	10·5	30	15	31	16	32	15	32	17	32	16	1	17	1	17	1	15	1	13	9
30	14	30	14	30	13	30	12	32	10·5	31	7·5	31	7·5	31	4·5	25	4	25	4·5	25	4	10
14	22	13	20	13	16	13	16	14	17	14	12	15	5·5	18	5·5	22	5·5	22	6·5	22	6·5	11
21	11	19	15	20	12	20	11	15	11	14	13	15	12	14	11	15	9·5	13	10·5	15	14	12
19	24	20	20	23	15	23	14	23	12	23	12	21	13	20	15	19	15	19	15	20	17	13
20	16	22	16	21	16	20	15	20	16	20	13	20	11	18	7·5	18	11	20	6·5	16	7·5	14
15	12	15	10·5	16	13	16	12	15	11	15	10·5	15	5·5	24	5·5	15	6·5	15	7·5	15	6·5	15
15	22	15	25	15	27	16	23	16	25	16	22	16	18	16	13	15	14	15	17	15	17	16
16	19	15	19	16	17	16	16	16	16	15	15	16	14	15	15	15	20	15	20	14	20	17
14	35	14	36	14	34	15	35	14	32	14	31	14	28	14	26	14	25	15	26	15	23	18
23	14	22	13	23	13	24	13	23	12	23	9·5	24	7·5	24	8·5	23	7·5	22	11	23	9·5	19
18	18	16	19	16	18	23	22	23	21	23	21	23	18	24	21	25	27	25	26	26	27	20
26	22	26	25	26	24	27	15	26	20	24	17	24	15	23	12	24	12	22	17	22	16	21
21	20	22	20	22	19	21	22	22	22	22	18	24	15	22	11	24	13	25	11	26	11	22
26	22	26	22	26	25	26	23	27	18	27	16	26	15	26	15	27	12	29	13	29	11	23
30	18	30	16	30	14	30	16	31	15	31	10·5	31	9·5	31	6·5	32	6·5	32	5·5	32	4	24
22	23	23	19	25	15	25	15	24	19	24	16	25	15	24	11	24	12	24	16	24	18	25
23	30	22	27	24	26	24	24	24	20	24	20	24	19	24	18	24	17	24	16	24	13	26
22	17	23	15	22	19	23	17	22	17	22	15	21	13	21	6·5	20	10·5	17	9·5	16	11	27
31	17	32	17	31	17	30	18	30	16	30	17	29	16	30	15	30	11	31	9·5	30	12	28
22	18	24	18	22	17	22	16	26	15	28	15	29	11	28	13	28	14	28	9·5	27	11	29
24	16	24	12	24	13	27	13	26	11	26	10·5	25	8·5	25	9·5	25	8·5	23	12	22	12	30
22	36	22	32	22	32	23	28	23	22	24	21	24	15	25	13	26	13	25	10·5	26	9·5	31

Meteorological Office,
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Director.

ARMAGH OBSERVATORY LAT 54°21′ N LONG 6°39′ W.

BAROMETER

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29·577	29·569	29·561	29·573	29·572	29·571	29·571	29·561	29·567	29·545	29·535	29·523	29·507
2	·459	·431	·409	·389	·375	·355	·346	·345	·339	·333	·312	·312	·310
3	·340	·322	·314	·316	·324	·323	·334	·348	·348	·346	·361	·365	·363
4	·473	·465	·463	·461	·469	·481	·495	·501	·507	·529	·539	·556	·573
5	29·761	29·773	29·771	29·789	29·807	29·831	29·861	29·887	29·913	29·929	29·949	29·967	29·985
6	30·081	30·075	30·063	30·063	30·065	30·067	30·068	30·081	30·067	30·068	30·052	30·048	30·042
7	29·972	29·956	29·942	29·932	29·922	29·918	29·912	29·906	29·896	29·884	29·873	29·869	29·843
8	·752	·749	·741	·737	·743	·747	·761	·775	·773	·787	·784	·790	·800
9	·798	·794	·788	·784	·788	·806	·812	·828	·846	29·856	29·857	·865	·873
10	·973	·965	·963	·961	·975	·987	·997	·993	·991	30·001	30·003	·998	·998
11	·958	·958	·943	·938	·933	·923	·928	·928	·918	29·913	29·913	·903	·888
12	·868	·858	·853	·848	·843	·848	·853	·858	·853	·848	·834	·832	·828
13	·826	·816	·810	·811	·806	·808	·816	·816	·821	·812	·813	·807	·777
14	·729	·729	·735	·741	·737	·739	·751	·763	·771	·765	·767	·767	·767
15	·775	·780	·885	·899	·903	·911	·919	·931	·935	·939	·943	·947	·963
16	·987	·983	·979	·975	·975	·965	·959	·959	·953	·943	·947	·939	·935
17	·911	·907	·907	·915	·911	·922	·932	·939	·949	·953	·954	·954	·956
18	·962	·962	·958	·962	·966	·974	·974	·976	·974	·978	·976	·968	·958
19	·876	·860	·845	·838	·842	·838	·838	·838	·834	·830	·823	·822	·822
20	·788	·768	·758	·748	·746	·746	·740	·730	·724	·708	·705	·692	·676
21	·516	·494	·474	·464	·458	·460	·455	·462	·462	·470	·479	·489	·503
22	·597	·591	·591	·585	·587	·591	·596	·595	·593	·591	·598	·585	·567
23	·538	·529	·527	·521	·527	·527	·537	·545	·547	·551	·560	·568	·564
24	·588	·583	·578	·580	·586	·598	·608	·620	·630	·642	·645	·651	·661
25	·763	·759	·753	·751	·751	·747	·747	·729	·719	·711	·682	·658	·646
26	·424	·410	·394	·382	·378	·374	·370	·362	·351	·338	·331	·319	·311
27	·329	·331	·329	·329	·329	·339	·347	·347	·357	·355	·358	·355	·351
28	·321	·309	·297	·287	·289	·303	·319	·329	·337	·343	·364	·384	·366
29	·466	·468	·470	·484	·490	·496	·514	·524	·520	·540	·534	·546	·550
30	·636	·646	·648	·648	·650	·664	·676	·674	·686	·688	·709	·707	·703
31	29·777	29·761	29·739	29·737	29·711	29·707	29·699	29·679	29·655	29·633	29·613	29·607	29·603

DRY BULB THERMOMETER 4 FEET ABOVE GROUND

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	57·6	57·0	56·4	56·6	56·8	57·0	57·9	58·4	59·1	58·4	59·9	60·0	61·0	63·0	64·2	64·2	64·8	65·0	64·2	63·2	62·1	61·2	60·4	59·7
2	59·4	59·0	59·2	58·7	58·9	58·9	59·8	60·3	60·6	62·1	64·7	67·2	70·6	70·0	70·6	70·4	69·0	67·2	61·9	62·7	61·2	60·3	59·2	58·2
3	57·0	56·4	56·3	55·6	56·0	57·2	58·8	58·9	61·9	62·0	64·2	63·3	62·5	66·6	64·4	61·0	61·6	60·4	60·8	59·2	57·4	56·0	55·6	55·2
4	54·7	54·1	54·1	53·9	54·0	54·2	54·7	56·2	57·3	57·7	58·0	58·0	58·0	57·7	58·9	56·7	57·0	56·3	55·6	54·9	54·6	54·0	52·6	
5	51·8	52·0	51·2	51·0	52·0	52·1	53·6	55·9	55·9	56·0	55·3	58·5	60·0	59·4	60·9	60·2	60·2	59·3	57·0	55·7	53·1	51·4	51·0	52·0
6	52·9	52·9	52·9	52·9	53·0	53·8	55·2	56·8	57·0	57·1	58·2	59·0	60·3	61·1	60·0	60·0	59·6	59·8	58·6	57·8	56·8	56·0	55·0	54·3
7	54·1	53·8	53·7	53·4	53·6	54·2	55·6	58·8	59·9	60·0	62·4	65·0	65·8	64·9	65·8	65·8	65·0	63·7	62·1	61·0	57·9	57·2	56·9	55·6
8	55·7	55·9	55·7	55·2	55·7	55·9	56·8	59·9	61·1	62·4	63·5	62·8	66·0	67·0	66·0	70·5	69·5	69·0	69·5	67·5	66·4	64·0	62·7	61·3
9	60·0	59·3	59·9	59·9	59·0	59·7	61·0	61·1	62·3	63·2	65·0	68·2	69·0	69·0	67·8	67·7	68·4	67·0	65·0	61·2	59·0	58·8	57·2	57·2
10	56·6	55·9	55·7	55·5	55·8	56·1	56·4	57·6	59·7	59·5	*	61·9	*	63·6	*	63·4	.....	.....	*	.....	.....	.....	*	.....
11	.....	.....	.....	.....	*	.....	.....	.....	.....	.....	59·2	*	62·2	*	62·1	.....	.....	*	.....	.....	.....	51·1	*	*
12	.....	.....	.....	.....	*	.....	.....	.....	.....	.....	59·7	62·0	66·0	68·0	69·0	67·4	66·9	66·9	65·5	64·5	62·6	61·0	59·9	58·7	58·7
13	57·8	57·9	57·8	57·6	57·8	58·0	59·0	60·3	61·2	63·7	62·8	64·0	61·9	63·0	63·6	66·0	66·0	64·0	63·2	62·8	63·0	62·3	61·0	
14	59·9	57·2	56·2	56·1	56·6	56·8	58·0	59·1	62·0	62·5	63·0	65·0	67·7	66·2	66·2	66·6	64·6	64·3	61·4	60·0	59·5	58·2	57·7	57·2
15	57·0	56·9	57·0	56·7	55·8	57·0	59·2	61·3	64·0	64·3	66·9	67·1	66·2	66·7	67·6	68·1	66·9	65·8	64·8	64·0	63·0	61·1	61·4	61·2
16	60·9	59·8	59·7	59·0	59·4	59·0	61·6	64·2	67·0	69·0	71·0	69·7	72·0	72·1	72·7	72·1	71·0	69·7	68·8	66·9	65·7	64·0	63·6	62·9
17	61·9	60·8	59·4	59·6	59·2	59·7	61·4	64·0	66·8	70·0	70·0	71·9	72·4	73·4	71·9	71·8	72·9	71·9	70·3	68·5	65·8	66·0	65·2	63·9
18	63·1	62·2	61·4	60·9	61·2	61·5	62·9	64·5	65·8	66·4	69·0	72·0	74·0	73·5	75·0	74·2	73·9	72·7	70·7	68·3	66·3	65·7	64·8	58·0
19	57·2	57·3	59·2	57·5	58·7	59·8	61·9	63·4	67·4	68·4	69·0	67·3	69·0	69·0	64·0	63·0	62·2	60·8	59·6	58·2	57·7	57·8	57·0	55·6
20	55·9	56·1	56·6	56·6	56·4	55·9	57·1	59·0	61·9	64·4	64·0	66·4	68·6	68·0	66·9	66·6	64·0	62·9	60·0	59·2	58·0	58·4	58·0	58·1
21	57·8	57·6	57·7	57·6	57·4	58·0	59·0	59·0	59·7	60·9	59·8	59·8	59·9	59·8	61·0	63·3	62·2	61·9	59·8	58·2	56·2	54·9	54·9	53·7
22	53·4	53·4	53·0	52·0	52·0	52·6	56·7	57·9	59·8	62·3	65·7	65·4	65·9	67·1	66·9	67·5	66·8	64·7	63·0	60·7	58·2	56·7	56·5	55·3
23	55·2	54·6	55·0	53·7	53·8	54·8	56·7	57·6	58·0	61·1	56·9	58·2	63·0	59·9	57·5	58·4	59·6	58·6	58·8	57·2	55·8	54·7	53·6	54·0
24	53·0	52·4	52·9	53·0	52·9	53·0	54·9	57·0	58·2	59·2	61·7	61·0	63·2	64·3	64·0	64·3	62·6	62·0	61·6	58·4	55·0	62·7	52·2	51·6
25	50·8	50·0	50·0	49·6	49·2	50·2	52·6	56·2	58·6	61·0	63·0	64·1	63·2	64·0	62·9	60·0	60·0	57·9	56·0	55·4	55·0	55·0	55·6	55·9
26	55·5	55·8	55·2	53·7	53·4	54·9	56·0	56·1	58·9	61·1	63·7	63·2	64·2	59·8	60·9	60·0	60·2	58·1	58·2	56·7	56·0	56·0	53·9	53·8
27	53·5	53·2	53·9	53·2	52·7	53·4	54·4	56·4	58·5	61·0	62·9	64·5	65·1	65·2	62·8	61·4	59·5	58·2	56·7	56·5	56·0	55·7	54·9	
28	54·0	53·3	52·7	52·9	52·0	52·0	53·4	54·4	56·0	58·2	59·7	60·9	62·0	62·9	64·6	65·0	64·3	61·9	61·0	60·2	58·1	55·6	53·8	51·6
29	51·8	50·8	49·6	48·9	48·9	50·0	53·8	56·9	60·0	63·4	63·8	64·6	66·7	67·9	67·9	67·1	67·2	65·7	63·0	61·2	59·1	58·8	58·7	56·7
30	56·0	55·9	55·0	52·8	53·0	53·0	54·6	56·9	60·0	62·1	62·2	64·2	65·0	63·8	64·4	64·9	65·4	64·0	63·0	58·7	56·4	56·6	56·0	55·0
31	55·1	55·2	55·2	55·1	56·4	56·3	56·9	56·7	57·4	58·8	60·2	60·5	61·0	61·0	61·9	61·2	61·3	60·4	60·2	59·7	58·4	56·6	55·9	56·5

* Record defective or Instrument out of action.

HOURLY VALUES *July 1874*

CISTERN 207 FEET ABOVE MEAN SEA LEVEL

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
29.499	29.489	29.489	29.493	29.485	29.481	29.475	29.478	29.479	29.479	29.471	1
.306	.294	.283	.281	.286	.310	.318	.332	.348	.355	.355	2
363	.365	.385	.385	.403	.419	.485	.455	.481	.469	.475	3
.583	29.603	29.615	29.623	29.645	29.661	29.681	29.703	29.709	29.737	29.753	4
29.993	30.005	30.006	30.015	30.029	30.045	30.053	30.066	30.073	30.083	30.083	5
30.040	30.030	30.020	30.006	29.996	29.994	29.992	29.992	29.978	29.978	29.975	6
29.829	29.817	29.795	29.773	.767	.759	.769	.769	.749	.747	.757	7
.802	.806	.791	.800	.806	.796	.798	.796	.794	.800	.808	8
.889	.899	.905	.903	.919	.933	.951	.961	.975	.967	.981	9
.983	.973	.963	.963	.958	.963	.973	.983	.978	.968	.958	10
.888	.888	.898	.868	.883	.878	.873	.883	.883	.868	.878	11
.821	.814	.810	.808	.812	.818	.824	.828	.830	.828	.828	12
.793	.787	.763	.752	.751	.743	.733	.725	.717	.717	.725	13
.779	.785	.781	.789	.797	.815	.827	.841	.857	.864	.869	14
.967	.965	.959	.963	.967	.969	.969	.981	.983	.987	.987	15
.929	.911	.891	.891	.877	.881	.887	.899	.897	.901	.907	16
.958	.954	.946	.942	.932	.934	.938	.948	.946	.954	.962	17
.950	.932	.910	.904	.892	.892	.888	.893	.896	.892	.884	18
.814	.818	.808	.808	.811	.813	.812	.800	.802	.798	.798	19
.664	.652	.628	.620	.614	.608	.600	.586	.570	.550	.538	20
.518	.527	.537	.541	.545	.569	.579	.591	.597	.597	.598	21
.559	.555	.543	.527	.525	.587	.545	.555	.551	.553	.553	22
.570	.576	.576	.568	.560	.568	.572	.584	.586	.592	.592	23
.671	.679	.695	.707	.725	.743	.759	.771	.777	.781	.779	24
.622	.596	.574	.544	.520	.500	.478	.471	.458	.440	.436	25
.301	.305	.303	.309	.307	.305	.315	.323	.327	.325	.329	26
.351	.355	.361	.354	.351	.351	.349	.341	.335	.324	.327	27
.374	.374	.384	.386	.406	.414	.426	.438	.448	.464	.474	28
.564	.558	.556	.558	.554	.576	.596	.604	.602	.616	.628	29
.703	.703	.707	.717	.728	.745	.759	.769	.774	.775	.781	30
29.605	29.578	29.565	29.553	29.549	29.546	29.563	29.581	29.598	29.625	29.627	31

WET BULB THERMOMETER *4 FEET ABOVE GROUND*

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
60	55.2	54.9	54.8	55.0	55.0	55.7	55.8	56.1	56.2	57.8	58.0	59.1	61.1	63.0	62.0	63.1	63.1	62.0	61.0	60.3	59.4	58.6	57.7	1
6.4	55.9	55.6	55.2	56.4	56.6	57.3	58.3	59.0	60.4	61.9	62.6	61.8	60.9	61.0	61.2	60.0	59.8	59.8	58.2	57.6	56.8	56.0	55.0	2
3.9	53.0	53.0	52.7	53.0	53.7	54.7	55.0	56.0	57.8	56.6	57.7	57.7	59.5	57.7	56.0	56.9	55.2	55.8	54.9	53.8	52.9	52.8	52.4	3
1.8	51.2	51.1	51.0	50.9	50.9	51.0	51.9	52.7	52.7	53.0	54.2	54.6	54.4	55.0	54.0	54.0	53.7	53.0	52.6	52.2	51.9	51.6	50.8	4
0.0	50.4	49.9	49.8	50.0	50.7	52.2	53.0	52.0	53.0	51.3	53.7	53.7	52.3	53.9	52.6	53.0	53.0	52.0	51.7	49.7	49.0	48.6	49.6	5
5.0	50.2	50.2	50.2	50.7	51.0	51.2	52.3	52.0	52.2	54.0	53.3	53.4	53.9	53.6	53.9	54.0	54.0	54.1	53.9	53.1	52.0	51.2	50.6	6
0.4	50.0	50.0	50.0	50.2	50.2	51.0	52.4	52.9	55.2	54.0	57.2	56.6	55.4	56.0	55.9	56.0	55.9	56.6	56.9	56.7	55.1	54.8	54.1	7
5.9	53.8	52.9	52.6	52.6	53.2	54.0	56.7	57.2	58.3	59.0	60.0	60.0	62.0	62.2	62.5	61.7	62.0	62.0	61.2	60.9	60.0	59.0	58.7	8
7.6	56.8	57.0	56.9	56.9	57.0	57.8	58.0	58.9	59.5	61.0	62.3	62.9	63.0	62.2	62.1	62.1	61.6	61.0	58.2	56.7	56.0	54.8	54.7	9
5.9	53.2	53.0	53.1	53.8	54.1	54.0	54.0	55.4	56.6	*	57.2	*	58.4	*	58.0			*			*			10
				*					53.8	*	55.6	*	55.3	*	50.3			*			*			11
				*					54.8	62	56.4	58.0	58.0	58.0	58.0	58.0	57.3	56.2	56.8	56.0	53.4	53.4	54.2	12
7.1	55.0	55.2	55.4	55.8	56.0	56.8	57.9	58.0	59.2	59.0	60.4	59.9	60.9	60.9	62.9	63.0	62.9	62.9	62.0	61.9	61.9	61.5	60.0	13
5.9	56.1	55.6	55.4	55.5	56.0	56.6	57.0	58.1	58.8	59.0	59.2	60.3	60.0	59.9	60.0	60.0	60.0	59.9	58.8	58.6	57.5	56.6	56.3	14
1.0	55.0	55.1	55.0	54.4	55.6	56.9	59.1	61.0	60.9	61.0	60.9	60.6	60.9	61.0	61.0	61.9	61.0	60.0	58.6	58.1	58.0	57.0	56.0	15
1.0	56.0	55.0	53.0	52.1	53.6	56.4	57.4	59.0	60.8	62.0	61.0	62.8	62.0	62.6	62.2	62.2	62.9	62.1	61.1	60.4	59.0	59.1	59.1	16
8.9	58.4	57.1	56.9	57.1	57.3	59.3	60.0	62.1	63.1	62.0	63.9	63.9	64.2	64.4	64.4	64.8	64.9	64.2	63.1	61.4	61.8	61.6	61.0	17
6.4	60.0	59.1	58.9	59.5	59.9	60.8	61.2	61.8	61.8	62.8	63.0	63.4	62.8	63.2	61.9	61.6	61.9	63.3	65.0	62.0	59.6	57.7	56.2	18
5.2	55.0	54.9	54.0	55.0	56.8	58.0	58.9	61.6	63.4	62.8	62.4	63.2	62.9	60.6	60.0	60.7	58.7	58.4	57.0	56.6	56.8	56.0	54.9	19
5.0	55.0	55.2	55.3	55.6	56.9	56.2	58.8	57.0	59.8	58.4	58.8	61.2	60.0	59.7	59.7	59.2	58.6	59.1	57.0	57.0	56.6	56.6	57.0	20
5.8	56.9	56.8	56.9	56.8	57.5	58.2	59.0	59.6	55.4	58.2	58.0	58.0	57.9	57.9	57.9	56.7	55.9	55.6	54.9	53.2	52.5	52.7	51.9	21
8	51.9	51.5	50.9	51.8	51.2	53.2	55.0	56.0	57.3	59.0	58.2	59.0	59.0	59.3	59.0	59.0	57.0	57.0	56.2	55.3	53.3	52.7	54.0	22
3.2	52.8	53.2	52.1	52.1	52.9	53.9	54.7	55.0	56.8	58.2	58.2	57.7	57.9	55.9	55.0	57.1	55.6	54.3	54.8	54.1	53.6	52.9	52.8	53.0	23
2.0	51.5	52.0	52.0	51.9	52.0	53.6	54.2	54.7	55.3	55.9	57.0	57.1	56.6	56.3	56.0	56.3	55.4	55.2	54.0	51.8	50.0	49.6	49.8	24
4.6	48.0	48.0	47.5	47.4	48.3	51.0	53.0	53.9	55.0	56.2	57.0	57.0	57.0	56.0	56.0	57.0	55.0	54.2	54.0	54.0	54.0	54.6	55.0	25
5.4	54.8	54.0	52.0	51.7	52.8	53.6	53.4	54.9	56.0	57.1	57.0	57.3	56.0	57.0	57.2	57.6	56.2	55.3	54.0	53.1	52.7	51.8	51.7	26
2.5	2.5	6.5	2.5	0.8	5.1	2.5	1.8	5.3	0.3	8.5	5.5	5.5	6.4	5.6	0.0	5.6	2.6	7.6	8.8	5.5	0.5	4.8	5.4	7	6.4	6.3	5.4	0.5	4.1	6.4	27
0.5	2.7	5.2	1.5	2.1	5.1	5.0	8.5	1.9	5.2	2.2	5.2	3.5	3.9	5.5	2.6	1.5	7.0	5.0	7.2	6.8	5.5	4.3	2.5	5.2	1.5	2.1	6.0	9.4	28
8.4	4.9	4.8	0.4	7.6	4.8	1.4	9.4	5.2	5.5	8.0	5.7	0.5	8.9	5.8	4.8	6.8	5.9	5.6	0.0	6.0	4.6	0.0	5.9	6.8	5.9	2.1	5.8	0.7	5.6	5.6	29
9.5	2.6	5.5	5.1	5.5	5.1	5.0	5.2	7.1	5.4	1.5	5.6	5.9	5.6	5.5	7.9	5.1	4.6	7.1	5.8	6.8	2.5	9.0	5.7	3.8	5.8	1.5	5.5	5.4	0.5	4.2	5.3	0.5	2.2	30
7.5	2.0	5.2	0.2	5.2	5.3	0.2	5.4	0.5	0.5	5.5	6.4	5.7	4.5	4.3	5.8	3.8	6.0	5.7	0.9	5.5	8.9	2.3	9.0	2.3	9.2	2.3	8.8	5.1	3.0	4.5	4.4	6.5	5.3	31

Meteorological Office,
116 Victoria Street Westminster. S W.

ROBERT H. SCOTT, Director.

ARMAGH OBSERVATORY LAT. 54°21' N LONG. 6°39' W.

WIND

DIRECTION IN NUMBERS { 8 - E , 24 - W. / 16 - S , 32 - N. }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	20	8 5	20	11	20	10 5	18	9·5	19	8·5	18	9·5	17	7 5	17	11	17	11	16	9·5	15	12	14	10·5	14	11
2	15	20	16	13	15	12	15	15	15	18	18	21	16	19	15	16	15	17	15	20	16	23	17	23	17	21
3	16	17	16	19	16	18	16	19	16	19	17	21	17	21	18	18	17	23	18	22	18	19	19	20	18	17
4	18	16	17	17	18	15	18	16	18	18	18	16	19	19	19	20	19	22	19	22	19	24	19	19	19	18
5	20	12	20	11	20	12	20	10·5	20	10·5	20	10·5	23	7 5	23	7·5	25	7·5	22	7·5	27	7 5	24	8 5	24	10·5
6	21	4 5	21	3	21	3	21	3	21	4	21	4	18	4	20	7·5	19	8·5	23	8 5	21	4 5	19	9·5	21	9·5
7	17	5 5	17	5·5	17	4 5	17	5·5	17	4 5	17	4·5	17	5 5	18	5·5	18	8·5	16	7·5	17	9·5	17	9·5	19	10·5
8	18	4 5	18	6·5	18	9·5	18	8·5	18	7·5	17	9·5	17	8·5	19	9·5	17	13	19	9·5	18	10·5	19	10·5	20	11
9	17	10·5	17	10·5	16	11	17	9·5	17	7·5	17	9·5	17	8·5	19	8·5	18	9·5	19	7·5	20	8 5	19	7 5	20	9 5
10	4	4 5	4	4	3	3	3	4	3	2	3	3	3	4	3	4	3	4	3	3	1	4	1	2	28	4
11	2	1·5	2	1·5	2	2	2	1·5	2	2	2	1·5	2	1·5	2	2	2	3	2	3	6	1·5	28	4	26	4 5
12	1	1·5	1	2	1	2	1	3	1	1·5	1	2	1	3	1	3	3	4 5	5	4·5	7	5·5	12	4 5	13	8 5
13	14	3	14	5·5	13	7·5	14	4·5	14	4·5	14	6·5	16	6·5	15	7·5	15	6·5	15	9·5	15	7·5	15	10·5	12	7·5
14	19	6 5	20	6·5	20	5·5	19	4·5	19	4 5	19	5·5	20	9·5	20	9·5	21	8·5	20	10·5	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21	4	20	5 5	20	5 5
16	15	3	15	2	15	2	12	2	12	2	5	3	5	3	11	6·5	11	8·5	12	7 5	13	9·5	10	10·5	12	13
17	16	10·5	16	10·5	17	9·5	17	8·5	17	5 5	19	6·5	17	6 5	19	6·5	19	8·5	18	8·5	17	11	16	8·5	17	9·5
18	16	9 5	16	10·5	15	11	15	7·5	16	5·5	16	6·5	15	7·5	14	9·5	15	11	14	10·5	15	11	14	13	15	13
19	17	3	17	2	14	4·5	20	4	18	4·5	17	9·5	17	9·5	16	9·5	17	7·5	18	8·5	18	7·5	20	7·5	21	7·5
20	29	3	29	4	17	4	17	3	19	4·5	19	5·5	18	4·5	19	6·5	19	6·5	20	7·5	20	8·5	20	8·5	20	9·5
21	13	3	13	3	13	4	13	3	11	1·5	11	1·5	11	2	20	3	21	8·5	26	6·5	22	5·5	22	7·5	23	12
22	19	5·5	20	9·5	20	6·5	18	6·5	18	6·5	20	7·5	20	8·5	20	9·5	20	9·5	19	9·5	19	8·5	21	9·5	18	10 5
23	18	6·5	18	6·5	18	5·5	19	5·5	18	5·5	19	8·5	20	9·5	20	8 5	21	8·5	20	8 5	21	8·5	25	7·5	26	8·5
24	20	5 5	20	5·5	20	4·5	21	5·5	21	3	21	2	22	3	30	4	32	5·5	31	5·5	32	5·5	2	4	28	4·5
25	21	2	21	4·5	19	3	18	4·5	18	4	18	4	19	4	19	5·5	19	6·5	20	6·5	17	7·5	18	9·5	17	9·5
26	18	4·5	18	4·5	19	6·5	18	6·5	17	7·5	17	9·5	18	7·5	19	9 5	19	12	18	13	18	14	18	14	17	12
27	18	8·5	18	9·5	18	8·5	17	8·5	17	8·5	16	9·5	18	8·5	17	10·5	18	12	19	10·5	17	12	18	11	16	12
28	13	4·5	11	3	11	3	10	4	7	4	15	6·5	15	8·5	15	6·5	15	8·5	14	7·5	16	7·5	16	6·5	16	5·5
29	18	4	18	3	18	3	18	3	18	3	18	2	18	4	19	3	24	4	24	4·5	24	5·5	24	4·5	24	6·5
30	22	4·5	23	5·5	23	4·5	21	6·5	22	8·5	19	6·5	20	9·5	19	5 5	20	8·5	21	10·5	21	11	21	10·5	21	10·5
31	21	5·5	20	5·5	19	7·5	19	4·5	18	7·5	18	9·5	18	7·5	17	10·5	17	12	18	13	19	13	19	13	21	13

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET. / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	-	-	-	-	-	-	-	-	-	·010	-	-	-	·010	·020	·010	·010	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·020	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	·030	·040	-	·010	·050	·020	-	-	-	-	-	-	..
4	-	-	-	-	-	-	-	-	-	-	-	-	-	·030	-	-	·010	-	-	-	-	-	-	-
5	-	-	-	-	-	-	·010	-	-	·010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·020	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	·010	-	-	-	-	-	-	-	-	-	-	-	·010	·030	·040	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	·020	·010	-	-	-	·020	·020	·040	·070	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·040	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·060	·110	·030	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·210	-	-	-	-	·050
21	·070	·080	·040	-	·010	-	·060	-	-	·060	·020	·110	-	-	-	·010	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·090	·010	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·020	·010	·010	·040	·060	·090	·010	·010	-
26	-	-	·010	-	-	-	-	-	-	-	-	-	-	·030	·010	·010	·010	·060	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·010	·010	·010	-	-	-	-	·100
28	·160	·190	·160	·050	·010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	·010	·040	·060	·010	·020	-	-	-	·010	·010	-	-	·020	-	·010	-	-	-

" Record defective or Instrument out of action.

HOURLY VALUES *July* 1874

AND VELOCITY IN MILES PER HOUR

2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS
D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
8	9·5	16	11	18	11	17	9·5	17	14	17	15	17	17	16	18	16	21	16	23	16	20	1
1	23	17	22	17	22	17	22	17	20	16	12	18	11	17	10·5	17	14	16	16	16	15	2
0	23	19	19	19	22	19	21	19	18	19	20	18	17	18	15	18	13	19	14	18	14	3
0	16	21	18	20	16	20	17	21	19	21	18	20	14	20	15	20	14	21	14	19	11	4
6	9·5	26	10·5	25	8·5	27	8·5	25	7·5	27	6·5	27	4·5	26	3	26	3	22	4	22	4	5
0	10·5	20	10·5	20	7·5	20	7·5	21	7·5	22	4	22	4	22	2	22	4·5	17	5·5	17	6·5	6
1	9·5	17	8·5	18	9·5	19	5·5	19	4	19	4	19	3	21	4·5	17	4·5	17	5·5	21	4·5	7
8	10·5	19	9·5	18	10·5	18	8·5	20	7·5	16	8·5	16	10·5	16	9·5	16	10·5	16	10·5	17	8·5	8
6	5·5	27	6·5	27	4·5	28	4·5	26	4·5	2	4	4	7·5	3	5·5	3	6·5	3	5·5	3	5·5	9
-	4	27	3	27	4·5	28	4·5	28	4	2	5·5	2	4·5	2	4	2	2	2	1·5	2	2	10
1	3	2	4·5	1	5·5	2	5·5	3	3	3	4	1	3	1	3	1	3	1	3	:	3	11
0	5·5	13	5·5	12	7·5	12	8·5	11	7·5	13	6·5	15	5·5	15	4	14	5·5	14	4	14	5·5	12
5	7·5	13	10·5	15	10·5	15	14	15	11	15	11	16	7·5	16	7·5	17	7·5	19	5·5	19	5·5	13
																						14
1	5·5	21	4·5	18	4	16	7·5	16	6·5	14	6·5	15	4·5	15	4·5	15	3	15	3	15	3	15
3	15	13	14	11	16	12	14	12	15	13	13	12	11	14	11	14	10·5	16	13	16	11	16
5	10·5	14	11	13	8·5	15	9·5	11	11	12	10·5	14	8·5	14	8·5	15	9·5	15	11	16	12	17
3	15	14	17	13	16	13	18	13	14	15	11	14	8·5	15	4	18	3	12	3	17	3	18
2	7·5	24	6·5	21	4	22	4	24	4	24	3	24	3	29	1·5	29	3	29	1·5	29	2	19
0	7·5	19	8·5	19	7·5	20	7·5	21	5·5	26	3	18	4	18	3	18	3	17	3	13	3	20
-	10·5	25	12	25	11	25	10·5	25	10·5	24	8·5	23	6·5	22	6·5	23	6·5	22	6·5	21	6·5	21
1	11	21	12	19	12	19	11	19	12	22	6·5	21	5·5	21	9·5	18	4·5	19	4·5	18	5·5	22
1	4	29	4	23	4	17	7·5	17	6·5	19	6·5	19	7·5	20	5·5	20	6·5	20	4·5	20	4·5	23
.	5·5	32	9·5	1	9·5	1	8·5	32	8·5	32	7·5	30	4·5	31	4	29	4·5	29	3	29	3	24
+	13	14	11	16	9·5	16	12	15	14	15	15	16	14	16	13	17	13	17	9·5	19	4·5	25
	10·5	20	15	20	9·5	19	8·5	23	5·5	19	9·5	19	8·5	18	7·5	17	7·5	17	11	18	8·5	26
	12·5	20	8·5	15	10·5	13	9·5	12	8·5	13	5·5	11	7·5	8	4·5	9	5·5	10	7·5	9	:	27
	5·5	21	6·5	17	5·5	20	4·5	22	3	22	2	19	4	17	4	17	4·5	18	4	18	3	28
	5·5	24	5·5	26	5·5	23	6·5	21	7·5	26	4·5	26	5·5	22	3	20	3	21	7·5	23	4	29
2	7·5	22	9·5	23	8·5	23	9·5	25	8·5	26	5·5	24	4	26	3	21	4·5	19	4·5	20	5·5	30
	16	19	13	19	18	20	17	20	13	22	12	23	9·5	25	8·5	25	8·5	22	8·5	22	7·5	31

Meteorological Office,
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Director.

GLASGOW OBSERVATORY LAT 55.53' N LONG 4.18' W.

BAROMETER

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.498	29.502	29.514	29.516	29.524	29.546	29.552	29.562	29.564	29.564	29.570	29.570	29.572
2	.510	.512	.504	.484	.472	.468	.468	.438	.438	.438	.435	.401	.401
3	.359	.373	.371	.367	.365	.365	.361	.361	.369	.377	.376	.376	.378
4	.424	.422	.428	.426	.422	.424	.428	.446	.444	.446	.458	.458	.456
5	29.612	29.626	29.646	29.658	29.666	29.692	29.724	29.748	29.768	29.790	29.808	29.828	29.846
6	30.018	30.014	30.006	30.004	30.006	30.010	30.012	30.022	30.022	30.020	30.014	30.016	30.014
7	29.948	29.940	29.930	29.922	29.920	29.914	29.914	29.906	29.902	29.900	29.890	29.874	29.876
8	.766	.762	.752	.752	.752	.754	.762	.774	.778	.784	.791	.793	.799
9	.833	.829	.831	.819	.819	.821	.823	.833	.835	.843	.842	.858	.860
10	.966	.964	.964	.970	.972	.984	.990	.988	.978	.976	.967	.971	.967
11	.913	.903	.903	.899	.893	.895	.891	.887	.887	.885	.878	.872	.866
12	.840	.844	.842	.842	.848	.852	.862	.870	.868	.866	.854	.854	.854
13	.862	.856	.854	.862	.858	.862	.864	.864	.860	.850	.848	.846	.840
14	.704	.694	.684	.684	.684	.684	.690	.696	.702	.708	.723	.713	.727
15	29.831	29.841	29.849	29.859	29.881	29.885	29.895	29.915	29.923	29.937	29.941	29.945	29.941
16	30.015	30.019	30.027	30.033	30.037	30.033	30.031	30.031	30.033	30.031	30.036	30.026	30.022
17	29.982	29.980	29.970	29.958	29.962	29.962	29.962	29.964	29.968	29.964	29.961	29.959	29.967
18	30.019	30.019	30.009	30.005	30.009	30.019	30.021	30.021	30.017	30.017	30.007	30.005	30.007
19	29.937	29.923	29.913	29.899	29.893	29.883	29.881	29.869	29.863	29.857	29.851	29.833	29.831
20	.765	.747	.747	.735	.719	.709	.713	.711	.703	.703	.683	.673	.673
21	.553	.535	.513	.505	.493	.480	.485	.477	.469	.463	.454	.444	.444
22	.492	.498	.494	.500	.514	.518	.530	.538	.540	.544	.553	.555	.549
23	.535	.523	.517	.511	.517	.521	.525	.527	.531	.525	.518	.520	.508
24	.542	.538	.536	.532	.544	.554	.564	.584	.592	.610	.614	.614	.618
25	.686	.684	.686	.682	.686	.686	.686	.686	.680	.678	.668	.668	.656
26	.464	.442	.418	.406	.400	.388	.384	.374	.360	.360	.334	.330	.328
27	.328	.332	.332	.330	.348	.352	.364	.382	.384	.392	.393	.389	.389
28	.415	.415	.405	.395	.401	.401	.399	.405	.401	.401	.412	.410	.404
29	.452	.452	.452	.460	.486	.486	.492	.498	.502	.490	.492	.494	.500
30	.546	.556	.564	.564	.578	.588	.606	.616	.614	.620	.624	.630	.630
31	29.696	29.688	29.676	29.676	29.672	29.674	29.674	29.664	29.638	29.618	29.598	29.566	29.534

DRY BULB THERMOMETER 7 FEET ABOVE GROUND

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	56.7	56.4	56.3	56.1	56.3	57.3	57.2	58.1	58.0	60.4	62.2	63.1	65.0	64.3	64.0	62.3	60.7	60.0	60.1	60.3	60.9	61.0	59.0	58.2
2	57.7	57.3	57.3	57.2	57.3	58.2	59.7	59.3	60.0	59.7	59.2	59.9	61.1	61.8	64.3	66.7	67.4	66.9	62.6	61.3	59.4	58.8	57.9	57.4
3	57.1	56.7	55.7	55.1	56.7	56.3	58.2	58.0	60.2	60.4	61.2	62.3	64.3	62.2	59.3	59.9	61.1	56.6	55.8	55.8	55.4	55.0	55.0	55.7
4	55.7	55.0	54.0	54.2	54.0	54.6	55.2	58.0	58.8	55.0	55.9	55.9	56.8	55.8	55.3	55.1	55.0	54.8	54.0	54.1	54.1	53.5	53.5	53.3
5	53.0	52.7	53.0	53.2	53.7	54.7	56.6	55.0	54.6	56.7	57.2	59.0	57.2	56.8	57.7	58.9	60.3	59.0	57.5	55.3	51.8	50.7	50.0	49.6
6	49.9	50.3	50.8	50.9	49.7	50.7	52.7	55.0	56.8	57.7	58.7	57.0	59.0	58.0	58.8	58.0	58.8	57.6	57.2	56.1	53.8	53.2	53.0	52.9
7	52.7	52.3	52.2	51.9	52.3	53.0	55.0	56.3	58.0	57.8	60.0	61.7	62.0	62.5	61.2	61.2	61.0	60.1	59.3	58.5	57.9	56.8	54.0	53.6
8	54.0	54.2	54.0	53.2	53.7	55.7	58.3	60.0	59.8	60.7	63.0	62.5	66.2	64.7	66.8	68.0	66.7	67.5	65.2	64.1	62.0	60.9	59.3	59.0
9	58.2	57.5	57.3	57.9	59.0	59.0	59.3	61.2	61.0	62.2	65.7	62.2	61.0	61.1	61.2	61.8	65.0	63.0	62.7	61.8	59.7	57.9	57.8	54.9
10	53.2	52.0	51.8	50.1	51.0	52.2	53.6	57.3	59.0	61.1	61.8	62.7	62.9	63.6	65.0	63.7	66.0	64.8	60.8	57.9	54.2	52.5	51.2	50.5
11	49.0	47.8	47.7	47.6	49.7	50.7	54.0	55.5	56.7	58.0	60.2	61.7	62.4	62.2	61.6	60.2	60.0	59.0	57.1	55.8	53.9	53.6	53.7	53.7
12	53.0	53.0	52.8	52.2	52.3	53.0	55.0	58.0	60.1	61.8	61.3	63.0	63.0	63.8	65.4	65.1	65.0	64.0	64.7	63.1	61.2	58.8	54.4	53.8
13	52.0	51.2	50.0	50.3	50.4	53.7	56.4	57.8	59.9	61.4	63.1	63.7	64.3	63.3	62.0	63.3	65.0	63.1	63.2	62.3	61.6	59.7	59.5	59.5
14	59.3	59.6	59.7	58.5	58.0	58.5	59.3	61.3	63.8	64.0	61.3	63.6	63.9	64.0	63.6	64.2	62.9	62.0	61.7	60.0	58.2	56.3	57.2	57.1
15	56.2	56.0	55.7	55.3	55.9	56.1	59.2	59.3	60.0	61.4	63.0	64.0	63.8	63.6	66.1	67.6	68.8	69.3	66.5	64.0	60.3	57.6	58.7	58.0
16	54.7	52.6	54.3	54.7	55.9	56.2	58.2	59.2	60.2	60.7	62.6	63.9	65.1	67.0	68.0	68.0	65.7	64.7	62.7	61.5	60.0	58.9	57.6	57.2
17	56.7	56.0	55.9	54.9	55.3	56.2	58.9	61.4	64.2	67.8	72.1	71.5	72.8	73.6	71.8	72.9	72.7	69.3	68.0	65.7	64.0	62.9	61.7	
18	59.6	58.7	58.3	58.0	57.4	59.8	63.8	66.9	70.0	70.9	73.4	75.0	75.7	76.2	77.0	78.0	77.4	76.3	73.4	70.9	68.1	67.0	64.6	61.7
19	61.0	61.3	60.2	59.3	62.3	63.7	66.7	69.3	70.9	72.4	74.2	75.0	77.8	75.3	72.6	74.0	72.0	69.5	66.0	62.7	61.8	61.5	60.5	60.1
20	59.5	58.4	58.0	57.8	57.0	57.7	58.9	55.2	64.0	64.7	67.2	66.8	66.3	66.0	67.0	66.4	66.0	67.9	65.0	62.7	60.8	59.6	58.7	58.3
21	58.2	58.0	57.9	58.0	57.5	57.8	59.6	60.0	61.5	62.7	62.7	64.0	57.2	58.0	58.7	57.8	58.3	59.7	59.8	56.9	56.3	55.2	56.0	56.0
22	55.7	55.0	54.8	54.3	53.7	54.8	58.0	60.7	59.0	59.0	61.0	62.3	63.2	61.8	63.2	63.5	62.7	63.2	60.3	59.0	57.3	56.7	54.9	55.2
23	55.1	53.9	53.8	54.0	54.7	56.0	56.7	56.6	55.4	59.1	61.3	63.7	65.0	64.8	63.0	62.5	65.3	63.6	60.5	58.8	56.5	55.4	53.3	52.3
24	50.7	50.7	50.3	50.8	51.7	52.7	53.4	56.2	57.3	55.8	59.5	62.5	63.8	64.3	63.2	64.0	65.9	66.3	63.4	60.7	58.7	54.3	52.9	52.2
25	50.7	50.0	49.5	48.9	48.3	48.3	54.3	55.6	58.2	58.8	60.7	59.8	63.0	63.0	63.2	65.0	65.3	64.9	61.7	59.3	58.3	57.7	57.6	57.7
26	57.0	56.0	55.6	55.6	55.8	55.6	56.7	56.7	55.8	57.3	61.4	63.6	64.0	62.9	62.0	62.8	59.2	59.9	59.6	58.1	57.0	56.2	55.7	55.3
27	54.6	54.8	53.9	52.4	53.2	53.8	56.0	55.7	57.4	58.8	60.0	62.4	63.5	65.0	64.0	64.3	64.0	64.1	61.3	60.1	58.8	58.8	55.3	51.7
28	52.4	49.3	49.2	52.0	51.3	50.8	53.1	53.9	55.2	56.8	58.0	56.1	60.7	60.2	63.1	63.0	63.9	61.7	59.3	57.7	55.6	56.7	54.8	53.7
29	52.3	50.8	51.5	51.4	51.3	50.5	54.0	57.8	54.7	58.3	63.9	65.3	66.9	67.5	67.0	66.8	66.4	63.8	62.5	59.8	57.8	56.7	56.7	57.3
30	53.3	55.4	54.6	54.2	53.4	55.6	57.0	59.3	59.3	61.8	62.0	61.6	61.7	60.8	61.2	59.6	61.3	61.3	58.3	57.0	55.2	54.6	54.6	54.7
31	54.7	55.0	52.6	53.3	54.3	54.7	57.5	58.0	58.5	58.7	58.5	57.8	56.3	57.9	59.0	58.2	58.2	58.3	58.1	57.8	55.0	53.9	54.4	53.8

* Record defective or Instrument out of action.

HOURLY VALUES July 1874

CISTERN 184 FEET ABOVE MEAN SEA LEVEL

2	3	4	5	6	7	8	9	10	11	MIDT		DAYS
29·556	29·554	29·552	29·542	29·534	29·528	29·516	29·510	29·512	29·516	29·523		1
351	361	363	343	343	355	351	359	366	369	365		2
398	396	390	370	392	394	396	416	414	414	420		3
470	478	490	488	512	528	548	556	29·578	29·596	29·604		4
866	880	892	906	926	950	966	990	30·002	30·022	30·014		5
008	998	988	972	974	966	966	964	29·970	29·968	29·954		6
860	856	830	816	804	790	782	782	780	776	766		7
809	811	807	809	813	817	827	839	843	843	839		8
[illegible]	898	900	900	916	926	932	952	958	966	968		9
953	945	927	927	925	927	931	931	931	925	919		10
812	850	848	840	836	834	852	856	856	852	850		11
852	846	848	840	840	844	844	846	852	856	860		12
828	828	820	804	804	800	790	790	780	752	726		13
737	745	753	753	763	767	781	795	809	810	29·821		14
155	29·953	953	947	949	959	969	985	987	997	30·005		15
012	30·000	982	982	972	972	968	984	974	29·982	29·982		16
973	29·975	975	973	973	977	957	983	997	30·007	30·013		17
947	983	967	963	959	953	951	955	955	29·953	29·949		18
822	819	797	795	781	783	781	781	781	775	771		19
667	653	625	607	603	601	601	605	605	587	565		20
452	448	450	440	442	452	464	474	476	480	486		21
551	543	533	527	529	533	541	543	541	547	549		22
508	510	504	508	518	520	530	534	546	544	550		23
622	630	634	636	642	654	666	680	684	682	690		24
640	624	604	582	568	548	548	534	520	514	484		25
316	308	302	304	304	298	306	304	312	322	316		26
393	395	397	399	405	405	417	427	429	423	414		27
404	394	392	388	394	412	420	424	438	456	458		28
502	500	510	506	518	522	534	542	546	548	548		29
630	636	648	638	636	646	662	680	684	696	696		30
506	29·496	29·474	29·458	29·440	29·432	29·434	29·444	29·466	29·476	29·502		31

WET BULB THERMOMETER 7 FEET ABOVE GROUND

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
540	538	538	537	542	545	550	554	570	577	573	582	580	572	577	582	582	589	594	598	599	577	570	1
550	554	548	548	553	561	563	573	573	578	580	587	590	600	609	620	607	581	572	567	561	559	551	2
543	538	531	538	534	547	550	562	548	536	572	580	561	561	560	558	541	542	541	539	533	530	530	3
523	514	514	513	513	520	534	518	513	524	526	530	529	530	530	530	530	530	528	528	523	517	520	4
579	519	520	520	523	536	520	521	532	527	531	512	521	520	509	534	533	518	503	485	478	478	[illegible]	5
490	491	493	485	491	511	523	510	512	510	512	520	511	579	529	527	523	530	527	512	511	511	510	6
510	510	503	503	510	522	530	530	527	540	548	557	542	540	539	539	532	528	522	520	511	512	511	7
518	512	510	510	531	550	552	550	558	573	573	595	590	602	603	600	601	600	596	582	577	565	562	8
550	550	553	562	565	570	580	580	580	599	579	580	585	590	589	600	590	583	577	663	557	548	528	9
502	500	490	493	502	510	522	531	548	557	559	563	560	573	561	572	561	539	529	508	494	484	480	10
460	455	457	478	487	512	509	578	580	537	549	548	556	552	541	549	545	539	539	525	520	520	520	11
517	513	511	511	511	522	530	534	540	543	553	549	554	581	573	560	555	561	558	552	530	520	517	12
479	486	490	493	520	540	546	566	573	587	591	599	594	598	600	611	598	600	587	589	586	583	581	13
587	590	580	577	580	579	583	590	587	587	600	587	580	580	580	577	578	567	560	550	540	550	547	14
541	539	539	538	540	556	560	560	570	579	577	582	572	596	590	590	603	592	580	575	558	552	545	15
516	532	537	547	550	563	568	571	573	584	590	600	607	613	617	607	599	590	581	573	567	558	555	16
547	543	535	539	547	559	580	599	627	649	647	647	644	634	640	640	639	630	622	610	600	579	579	17
559	552	548	548	562	597	619	630	630	650	650	660	652	661	663	659	650	644	634	623	609	605	583	18
582	573	567	575	576	587	597	617	610	637	629	652	643	636	632	610	584	593	572	565	572	580	582	19
571	570	570	560	562	573	573	583	577	570	570	542	582	587	542	578	572	564	571	571	570	[illegible]	[illegible]	20
564	566	567	563	563	563	570	579	582	583	583	570	557	571	563	572	573	574	550	550	548	[illegible]	540	21
530	527	528	517	528	548	550	550	561	562	562	583	572	573	569	568	558	549	540	539	530	528	[illegible]	22
519	517	519	523	529	540	548	538	552	561	578	571	680	562	557	570	558	540	533	528	510	502	497	23
489	490	493	500	508	520	538	546	537	564	560	571	569	580	573	580	588	567	552	532	516	507	502	24
489	483	479	472	474	519	529	548	549	560	544	555	550	549	550	566	570	553	540	540	540	541	536	25
532	537	540	539	531	538	545	544	560	580	583	582	570	586	562	560	560	554	549	542	538	533	532	26
525	523	516	519	517	529	519	528	538	555	564	565	575	565	573	562	546	545	539	525	524	518	[illegible]	27
473	473	481	495	492	513	523	535	543	554	542	537	561	560	550	587	557	543	543	540	524	[illegible]	[illegible]	28
[illegible]	552	540	560	497	500	510	535	554	580	580	562	582	585	*	*	554	567	548	537	536	533	542	29
542	529	519	512	530	530	542	543	541	548	553	563	542	554	546	560	542	529	522	513	512	509	504	30
518	518	510	518	520	540	529	532	531	526	542	547	565	567	566	567	567	570	570	530	518	519	510	31

Meteorological Office,
116 Victoria Street Westminster. S W.
ROBERT H. SCOTT, Director.

GLASGOW OBSERVATORY LAT. 55.53' N LONG. 4.18' W.

WIND

DIRECTION IN NUMBERS { 8 - E ; 24 - W / 16 - S ; 32 - N }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	22	17	22	19	22	17	21	22	20	15	21	14	22	14	21	14	21	12	19	15	20	18	20	18	20	17
2	16	23	17	22	17	15	16	16	17	12	17	7·5	17	19	15	18	15	20	16	16	5	15	16	14	16	20
3	17	22	18	21	17	19	17	17	18	18	17	24	17	27	17	29	17	26	18	26	18	29	18	26	17	27
4	17	22	18	22	18	21	17	23	18	25	18	23	18	27	18	23	18	29	18	22	18	29	18	28	18	30
5	20	19	21	16	20	20	21	18	21	19	23	19	22	16	22	17	22	20	22	16	23	21	24	21	25	20
6	21	5·5	21	4·5	22	3	24	9·5	20	8·5	22	4	18	4	21	10·5	22	17	21	15	20	19	20	20	20	21
7	19	4	20	5·5	20	4·5	20	6·5	20	5·5	20	4	19	7·5	18	10·5	19	14	18	10·5	17	14	20	17	20	20
8	17	3	17	2	17	2	19	4	20	2	20	4·5	19	12	20	13	18	13	20	12	20	19	20	18	20	17
9	15	6·5	14	6·5	15	9·5	14	14	18	12	17	14	17	12	18	13	18	14	19	15	20	24	20	19	20	15
10	26	8·5	24	5·5	24	4·5	20	7·5	25	4·5	23	5·5	2	7·5	24	8·5	26	8·5	25	6·5	24	11	26	8·5	25	8·5
11	21	5·5	21	5·5	22	5·5	22	5·5	22	5·5	22	2	22	3	22	2	22	3	32	4	1	6·5	5	8·5	6	8·5
12	6	6·5	4	7·5	4	5·5	4	6·5	5	6·5	5	7·5	5	9·5	5	9·5	1	8·5	7	9·5	7	9·5	7	9·5	7	8·5
13	7	5·5	7	4·5	4	5·5	5	4	5	4	5	3	5	5·5	5	7·5	6	4·5	6	6·5	13	6·5	18	7·5	18	7·5
14	9	8·5	10	4	17	8·5	20	9·5	20	8·5	20	8·5	23	12	23	11	23	14	21	15	24	13	20	15	22	16
15	26	5·5	22	11	23	6·5	22	6·5	22	8·5	23	10·5	24	12	22	9·5	23	8·5	23	9·5	24	9·5	25	8·5	24	8·5
16	21	3	21	4·5	8	6·5	9	5·5	9	4·5	9	4·5	6	9·5	5	9·5	5	12	5	11	5	12	5	14	6	16
17	7	10·5	6	11	8	9·5	7	9·5	7	8·5	6	4·5	6	5·5	4	6·5	4	5·5	3	4	19	10·5	19	14	19	14
18	7	4	7	4	7	4·5	7	4·5	7	4	7	2	7	1·5	7	4·5	20	6·5	22	7·5	16	11	22	9·5	18	8·5
19	6	4·5	6	4	6	4·5	6	4·5	9	8·5	9	7·5	9	7·5	8	5·5	12	3	19	5·5	19	6·5	20	10·5	20	12
20	23	6·5	24	4·5	24	4	24	4·5	24	4	24	4	24	9·5	22	5·5	22	7·5	25	10·5	24	12	24	12	24	12
21	21	1·5	21	2	21	3	21	2	21	3	21	4	12	4	12	2	12	4	13	4·5	13	3	9	7·5	2	10·5
22	22	16	23	16	22	13	22	13	23	10·5	22	11	24	14	23	14	23	10·5	21	15	20	17	22	17	22	17
23	19	4	19	4	19	3	19	3	19	3	16	5·5	16	5·5	18	7·5	15	4·5	18	9·5	17	12	18	14	20	13
24	23	6·5	23	6·5	20	6·5	23	7·5	23	5·5	23	4	23	8	23	2	23	4	12	3	6	4·5	2	7·5	24	4·5
25	21	4	21	4	20	4	20	3	20	3	20	3	20	2	21	3	21	4	24	4·5	20	6·5	19	9·5	20	10·5
26	13	16	13	18	13	12	13	11	13	12	13	18	13	13	15	10·5	22	4·5	22	3	17	5·5	14	8·5	19	14
27	17	7·5	17	6·5	18	7·5	18	6·5	16	9·5	16	9·5	17	15	17	14	21	10·5	19	12	17	13	17	11	18	12
28	9	6·5	4	5·5	8	4	12	5·5	6	8·5	4	8·5	5	12	8	10·5	6	11	6	7·5	15	7·5	14	2	14	3
29	7	3	7	4	7	3	7	2	7	3	7	2	7	1·5	7	2	7	2	7	3	26	7·5	25	12	27	13
30	21	10·5	24	13	24	8·5	24	9·6	25	13	24	10·5	24	11	23	12	24	16	22	20	22	18	20	24	20	24
31	20	14	21	20	21	16	20	12	20	13	20	12	19	14	19	14	19	18	19	17	20	19	18	22	17	19

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET. / HEIGHT ABOVE MEAN SEA LEVEL 180 FEET. }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	-	-	-	-	-	-	-	-	.010	-	-	-	-	-	-	-	.020	.030	.050	.030	.010	.100	.010	-
2	-	-	-	-	-	-	-	-	-	.030	.030	.020	-	-	-	-	-	-	-	-	-	.040	.010	-
3	-	-	-	-	-	-	-	.030	-	-	-	-	-	.020	.120	-	-	.040	.080	.050	.050	.010	-	-
4	-	-	-	-	-	-	-	-	-	.040	-	-	.010	-	-	-	.010	.020	.030	-	-	.010	-	.040
5	.020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	.030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.010	.010	
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	.010	.010	.020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	.010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.070	.030	.020	.080
14	.270	-	-	-	-	-	.010	-	-	-	.030	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	.100	.050	.030	.810	-	-	-	-	.010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	.010	-	.030	-	-	-	-	-	-	-	-	.900	.080	.080	.025	.025	.010	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	.010	-	-	-	.020	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	.010	.020	.110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	.025	.015	.030	-	-	.010	-	-	-	-	-	-	-	-	-	-	-	.010	-	-	-	-	-
27	-	.010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	.010	.110	.030	-	.010	-	.010	.040	.070	-	-	-	-	-	-	-	-	.010	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	.040	.040	.010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	.010	.010	-	-	-	.020	-	-	-	-	-

HOURLY VALUES *July* 1874

AND VELOCITY IN MILES PER HOUR

2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS
	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
9	13	18	13	16	11	15	10·5	15	8·5	15	7·5	15	10·5	17	13	16	18	18	17	18	20	1
5	20	16	21	16	24	17	23	17	22	18	18	15	22	16	20	17	21	17	21	17	23	2
1	24	17	25	17	24	16	28	17	22	16	20	17	11	18	17	17	18	17	21	19	21	3
1	28	19	31	19	27	20	28	20	27	20	24	20	25	21	21	21	25	20	22	20	18	4
5	20	24	21	25	21	26	23	25	17	25	15	25	10·5	23	8·5	20	11	23	10·5	24	10·5	5
	22	21	20	20	17	20	15	20	12	19	11	19	11	20	8·5	19	7·5	18	8·5	19	5·5	6
	20	20	19	21	11	21	9·5	19	7·5	17	6·5	18	6·5	16	4·5	19	4	17	8	17	3	7
0	19	21	18	19	14	20	14	21	13	21	8·5	17	10·5	15	9·5	15	9·5	15	7·5	16	2	8
0	16	21	13	22	7·5	24	5·5	27	5·5	27	6·5	26	7·5	24	7·5	25	7·5	26	7·5	27	8·5	9
3	10·5	23	11	25	12	22	11	24	14	24	13	24	8·5	23	9·5	22	7·5	22	7·5	21	8·5	10
	11	8	14	9	11	7	11	8	10·5	6	8·5	31	6·5	31	10·5	3	8·5	30	5·5	31	3	11
	6·5	6	8·5	7	6·5	8	7·5	10	6·5	12	5·5	12	6·5	11	6·5	4	9·5	4	10·5	7	7·5	12	
	8·5	17	6·5	16	5·5	16	7·5	20	8·5	17	4·5	17	5·5	15	7·5	10	9·5	10	10·5	9	8·5	13
0	18	23	17	22	16	23	16	22	15	25	13	23	10·5	25	7·5	23	—	22	4·5	23	7·5	14
+	7·5	25	10·5	25	11	24	10·5	26	11	26	7·5	27	5·5	19	5·5	21	4·5	21	4·5	21	1·5	15
	15	6	15	6	17	8	15	6	17	5	15	6	15	6	15	6	15	5	15	6	13	16
9	16	20	15	18	16	19	13	12	10·5	20	6·5	22	8	21	4·5	16	5·5	16	4·5	15	3	17
1	11	18	11	20	10·5	22	10·5	24	5·5	25	4	25	4	1	5·5	1	4	1	4	6	4	18
0	15	22	13	21	12	21	9·5	21	6·5	23	8·5	26	4·5	26	3	26	4	21	5·5	21	4	19
+	10·5	23	9·5	24	5·5	24	6·5	24	8·5	24	6·5	21	10·5	21	10·5	21	4	21	2	21	2	20
5	7·5	18	5·5	17	5·5	17	3	24	13	23	12	23	12	23	6·5	22	9·5	22	11	22	16	21
0	16	21	17	21	14	22	10·5	20	10·5	20	9·5	20	7·5	20	5·5	19	5·5	19	5·5	20	8·5	22
0	14	25	11	25	15	24	11	23	14	24	8·5	24	10·5	23	8·5	23	8·5	23	6·5	23	6·5	23
	4·5	8	4	28	10·5	29	6·5	22	8·5	24	7·5	26	9·5	23	9·5	24	8·5	24	8·5	23	6·5	24
½	11	17	12	17	12	19	10·5	17	9·5	16	11	15	9·5	15	9·5	13	11	13	6·5	13	10·5	25
	15	18	14	19	12	18	15	16	18	17	10·5	18	14	17	12	17	10·5	17	10·5	17	10·5	26
	13	19	15	18	12	20	13	19	10·5	21	8·5	22	4	22	4	22	4	5	1	4	6·5	27
0	3	32	4·5	32	4·5	4	7·5	7	7·5	22	4·5	22	4·5	22	2	8	4·5	8	4	7	5·5	28
L	13	24	17	24	17	24	15	23	14	25	12	24	10·5	21	11	18	9·5	20	8·5	20	7·5	29
1	21	19	18	20	21	22	21	22	23	22	20	22	12	21	7·5	19	11	19	14	20	18	30
0	24	21	19	20	23	20	21	20	23	21	26	22	20	22	18	22	14	22	12	23	15	31

Meteorological Office,
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Director.

ABERDEEN OBSERVATORY LAT 57°10' N LONG 2°6' W.

BAROMETER

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29·442	29·465	29·480	29·494	29·518	29·535	29·545	29·557	29·574	29·587	29·599	29·609	29·626
2	·612	·591	·568	·566	·559	·561	·558	·566	·546	·548	·546	·533	·512
3	·463	·459	·456	·462	·464	·468	·467	·469	·459	·459	·460	·463	·447
4	·489	·485	·483	·485	·489	·502	·490	·489	·485	·493	·502	·497	·521
5	29·603	29·621	29·637	29·654	29·671	29·697	29·724	29·756	29·769	29·802	29·812	29·844	29·862
6	30·076	30·068	30·067	30·067	30·066	30·064	30·076	30·077	30·074	30·072	30·065	30·059	30·043
7	30·015	30·011	30·009	29·999	29·993	29·994	29·984	29·978	29·970	29·971	29·963	29·958	29·940
8	29·873	29·867	29·863	·863	·859	·858	·854	·862	·860	·862	·865	·867	·875
9	29·940	29·935	29·932	29·923	29·914	29·914	29·913	29·892	29·905	29·910	29·909	29·919	29·929
10	30·052	30·046	30·046	30·054	30·059	30·067	30·073	30·076	30·070	30·074	30·077	30·074	30·070
11	30·011	30·012	30·004	30·001	30·007	30·011	30·014	30·017	30·007	30·004	30·004	29·997	29·997
12	29·977	29·964	29·958	29·966	29·968	29·969	29·974	29·983	29·987	29·989	29·988	·988	·989
13	·998	·995	·990	·993	·985	·995	·994	·989	·990	·995	·993	·991	·983
14	·878	·858	·838	·830	·805	·792	·781	·766	·755	29·746	29·732	29·757	29·750
15	29·887	29·897	29·903	29·917	29·933	29·949	29·964	29·986	29·992	30·005	30·026	30·034	30·052
16	30·171	30·173	30·178	30·178	30·177	30·182	30·182	30·182	30·178	·184	·186	·192	·193
17	·137	·129	·122	·114	·099	·097	·100	·101	·093	·093	·087	·077	·075
18	·121	·121	·122	·121	·120	·130	·136	·133	·126	·126	30·120	30·116	30·108
19	30·063	30·054	30·050	30·044	30·037	30·034	30·030	30·026	30·019	30·014	29·997	29·989	29·976
20	29·854	29·846	29·831	29·823	29·821	29·824	29·813	29·804	29·794	29·786	·770	·751	·740
21	·665	·645	·633	·624	·610	·609	·606	·604	·600	·586	·576	·560	·565
22	·560	·560	·555	·555	·560	·569	·578	·585	·589	·592	·604	·604	·607
23	·610	·607	·601	·605	·607	·607	·608	·612	·614	·615	·610	·609	·612
24	·628	·630	·633	·640	·653	·670	·683	·690	·701	·709	·720	·727	·721
25	·792	·788	·788	·788	·795	·790	·792	·789	·790	·785	·779	·772	·767
26	·621	·611	·592	·573	·570	·566	·560	·552	·541	·531	·525	·516	·513
27	·458	·455	·456	·464	·465	·477	·487	·501	·506	·512	·516	·520	·527
28	·570	·566	·560	·553	·553	·553	·552	·555	·550	·549	·552	·549	·550
29	·582	·580	·570	·574	·578	·580	·586	·585	·583	·583	·579	·579	·580
30	·586	·589	·598	·613	·623	·639	·646	·659	·658	·669	·670	·668	·665
31	29·739	29·734	29·732	29·733	29·730	29·723	29·723	29·713	29·685	29·667	29·643	29·628	29·606

DRY BULB THERMOMETER 41 FEET ABOVE GROUND

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	56·7	56·5	56·9	56·8	57·8	58·7	63·1	62·9	65·0	66·0	66·3	67·4	66·0	65·0	61·0	60·5	61·9	65·0	64·6	62·6	61·1	59·9	58·5	57·5
2	57·9	58·2	57·7	57·9	56·9	57·9	59·2	59·9	62·2	60·2	59·7	62·0	63·4	63·0	65·0	63·5	65·6	66·4	62·1	62·0	61·1	60·0	59·7	58·1
3	58·4	58·2	56·8	56·3	58·0	59·7	61·3	61·7	62·1	58·9	63·0	65·0	65·0	63·0	63·1	64·1	62·0	60·0	59·7	57·4	57·0	56·1	56·6	56·2
4	55·8	55·7	55·7	55·8	55·9	56·2	57·3	58·3	58·6	59·0	59·7	59·8	58·7	59·8	61·0	61·5	61·0	61·0	60·2	58·2	57·6	56·6	55·7	55·4
5	55·3	54·6	53·7	53·4	55·9	56·8	58·9	59·1	60·5	58·1	61·0	57·5	59·7	57·6	56·2	58·7	59·0	59·0	58·0	56·1	54·2	50·3	48·5	47·8
6	49·0	50·0	50·7	49·9	51·0	52·3	55·9	57·8	60·0	59·4	61·2	61·5	63·0	62·0	61·8	62·5	61·9	62·0	60·8	59·8	58·0	56·0	54·3	52·5
7	51·0	49·2	48·5	49·3	50·9	54·5	58·8	60·2	62·0	61·8	62·0	62·1	62·9	63·0	63·1	62·0	60·2	58·0	57·0	56·2	56·0	55·5	55·0	
8	54·8	54·6	55·0	55·1	55·0	57·0	59·3	57·5	57·6	64·0	65·1	68·1	69·9	68·8	68·3	69·8	70·1	68·8	66·0	63·8	62·1	61·3	59·3	59·8
9	59·0	56·8	57·5	57·3	58·9	59·7	61·8	62·0	61·9	62·4	64·6	67·5	66·3	70·3	71·3	69·6	69·7	70·9	71·4	66·2	66·3	62·7	61·0	59·3
10	57·3	55·2	54·2	55·9	57·0	60·3	62·9	59·7	58·3	58·0	57·8	57·6	58·6	58·3	57·4	56·5	57·1	56·3	55·7	54·9	53·5	53·1	53·6	53·1
11	53·1	52·6	52·6	51·7	53·0	53·1	55·5	54·9	55·9	56·0	59·3	59·4	57·5	56·2	55·7	55·3	55·1	54·7	54·1	52·9	52·5	52·8	52·5	52·5
12	52·1	51·7	52·1	51·6	51·5	52·0	52·9	54·4	54·5	53·0	53·1	56·0	56·1	56·0	56·0	57·0	57·1	57·9	56·1	55·0	53·9	53·6	53·5	53·8
13	53·1	53·2	53·6	53·6	53·6	56·5	58·0	58·4	58·6	56·6	54·4	57·2	58·3	59·5	61·6	60·5	61·4	60·2	58·4	58·0	57·8	57·3	56·5	56·6
14	55·3	55·2	55·4	55·6	56·0	56·3	57·0	57·4	60·2	62·4	63·5	61·0	65·0	63·5	62·0	62·0	60·2	60·1	61·0	60·8	58·7	57·8	57·0	56·7
15	55·2	55·4	55·0	53·6	53·1	56·0	58·7	58·2	61·1	58·9	56·8	58·1	57·5	56·4	55·5	55·5	55·3	55·5	55·4	55·1	54·2	54·5	54·6	54·5
16	54·4	54·2	54·1	54·1	54·4	54·6	55·2	55·4	55·6	56·0	57·5	57·2	58·0	58·3	58·7	58·6	57·8	57·5	59·2	56·9	56·3	55·6	56·4	56·4
17	55·4	56·0	56·2	56·5	56·6	57·2	57·9	58·4	59·1	59·8	61·0	63·3	67·6	64·4	65·4	65·5	62·0	62·2	64·7	63·2	61·7	59·6	59·4	60·5
18	61·7	59·0	59·0	57·4	57·7	59·0	63·9	66·0	68·9	70·5	69·0	69·0	72·9	73·2	72·1	72·1	72·6	72·0	68·1	65·7	64·1	64·3	63·5	63·0
19	61·2	61·0	61·0	60·5	61·0	64·4	65·1	64·3	60·0	61·1	59·8	60·0	61·0	60·0	61·5	62·0	63·1	62·3	61·2	60·7	60·0	58·0	58·6	57·0
20	57·0	56·9	57·4	57·8	59·1	59·0	59·0	58·9	58·5	61·0	61·2	63·8	66·4	65·6	63·8	59·6	59·6	59·0	57·7	58·4	57·8	57·6	57·0	56·5
21	56·5	56·1	56·2	56·3	56·2	55·7	56·1	56·0	57·5	58·0	60·0	61·8	57·6	57·7	57·8	58·1	57·2	56·6	55·7	55·3	55·4	55·0	55·2	55·6
22	54·9	54·9	55·2	54·6	54·2	54·9	56·4	57·2	56·6	58·0	60·7	59·3	57·3	57·4	59·0	61·0	60·2	58·7	58·0	58·4	57·8	57·7	56·5	56·4
23	56·3	55·2	54·9	52·0	52·1	56·7	61·0	59·8	59·8	60·0	61·0	60·8	59·4	60·4	60·6	60·0	60·4	58·5	58·3	58·4	57·8	57·2	56·0	56·8
24	56·3	54·2	55·0	55·3	55·0	55·2	56·2	58·0	57·8	58·4	58·1	59·8	61·9	61·8	62·9	61·1	60·0	58·1	57·2	56·3	56·1	56·1	56·2	55·8
25	55·1	54·9	54·6	54·1	54·6	55·0	56·5	59·0	60·2	60·9	60·7	60·4	62·0	60·5	60·5	60·7	61·6	61·0	60·4	58·7	57·8	57·5	57·7	56·6
26	55·5	54·0	53·0	53·0	55·7	59·1	57·8	57·2	57·0	57·0	59·1	59·2	58·9	57·6	59·0	56·4	56·1	56·5	56·6	56·5	56·3	56·9	55·1	53·0
27	53·6	54·6	54·4	54·6	55·9	55·9	58·9	59·4	61·0	61·6	62·2	62·0	62·5	62·7	63·9	62·4	61·4	62·1	61·8	59·0	57·0	54·6	54·7	51·8
28	50·9	50·0	51·4	52·0	52·9	54·3	56·7	58·6	59·1	59·2	59·9	61·0	61·6	60·5	60·8	60·0	60·4	60·4	58·5	57·9	57·0	55·0	54·1	53·4
29	53·3	53·0	53·0	53·0	56·9	59·4	56·6	60·6	60·2	61·0	62·0	63·0	62·5	64·0	63·4	65·0	64·4	62·4	61·7	60·4	60·0	60·2	55·3	56·0
30	55·6	54·3	53·8	56·6	56·3	56·0	60·0	60·0	61·1	62·6	64·9	65·4	62·8	67·0	68·0	66·0	66·0	64·4	63·4	60·8	58·0	55·6	55·1	54·5
31	52·6	52·7	51·4	51·9	52·0	55·0	53·0	60·0	60·5	59·6	60·6	59·3	56·4	55·5	56·0	53·0	53·8	56·0	61·1	61·1	58·9	55·4	55·0	53·3

* Record defective or Instrument out of action.

HOURLY VALUES *July* 1874

CISTERN 88 FEET ABOVE MEAN SEA LEVEL

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
29.633	29.646	29.643	29.641	29.629	29.631	29.636	29.641	29.636	29.626	29.624	1
.492	.492	.468	.454	.456	.439	.439	.457	.462	.454	.464	2
.472	.475	.460	.465	.480	.462	.472	.483	.483	.480	.493	3
.502	.494	.484	.489	.513	.527	29.547	29.521	29.559	29.569	29.589	4
29.887	29.920	29.926	29.939	29.961	29.989	30.016	30.036	30.057	30.069	30.078	5
30.036	30.026	30.019	30.012	30.003	30.008	30.016	30.005	30.013	30.011	30.014	6
29.947	29.946	29.930	29.921	29.922	29.914	29.913	29.902	29.894	29.881	29.876	7
.884	.882	.889	.897	.908	.923	.930	29.935	29.945	29.947	29.945	8
29.930	29.946	29.960	29.969	29.971	29.985	29.999	30.019	30.039	30.054	30.052	9
30.068	30.054	30.041	30.032	30.033	30.032	30.042	30.039	30.037	30.034	30.019	10
30.000	29.999	29.987	29.973	29.977	29.978	29.981	29.984	29.994	29.991	29.986	11
29.992	.993	.990	.989	.990	.997	.999	30.008	30.009	30.001	30.004	12
.980	.968	.955	.955	.946	.952	.940	29.932	29.920	29.907	29.900	13
.763	29.779	29.774	29.784	29.804	29.820	29.827	29.837	29.857	29.862	29.874	14
30.063	30.076	30.084	30.086	30.101	30.113	30.112	30.135	30.148	30.151	30.163	15
.183	.176	.164	.154	.154	.144	.142	.147	.149	.149	.144	16
.073	.073	.071	.073	.075	.080	.083	.087	.096	.106	.113	17
30.101	30.090	30.081	30.084	30.080	30.078	30.071	30.076	30.081	30.081	30.075	18
29.949	29.923	29.914	29.894	29.896	29.886	29.879	29.870	29.874	29.869	29.866	19
.731	.732	.724	.716	.714	.716	.710	.712	.707	.695	.697	20
.565	.555	.543	.549	.553	.557	.557	.558	.563	.560	.560	21
.614	.612	.594	.605	.606	.606	.611	.615	.617	.617	.619	22
.613	.610	.602	.599	.603	.601	.613	.620	.623	.617	.625	23
.727	.728	.738	.745	.755	.763	.783	.793	.798	.798	.794	24
.757	.742	.726	.716	.702	.695	.681	.670	.656	.642	.632	25
.499	.487	.482	.470	.457	.455	.459	.464	.442	.447	.452	26
.536	.543	.537	.543	.550	.555	.560	.568	.568	.573	.572	27
.550	.554	.558	.556	.547	.557	.568	.573	.583	.584	.590	28
.581	.574	.563	.558	.558	.561	.561	.565	.573	.573	.581	29
.654	.646	.647	.653	.666	.676	.693	.705	.722	.728	.736	30
29.571	29.546	29.506	29.466	29.441	29.426	29.432	29.463	29.473	29.482	29.508	31

WET BULB THERMOMETER 41 FEET ABOVE GROUND

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
55.5	54.7	54.0	53.1	54.0	54.7	57.0	56.0	*	56.9	57.0	57.5	58.5	58.0	56.1	56.1	56.5	57.5	59.0	57.8	57.0	57.8	56.8	56.0	1
56.7	57.2	56.4	56.4	55.0	55.4	56.0	56.0	57.9	56.6	56.4	57.7	59.0	58.7	59.8	58.6	59.9	60.7	59.9	59.4	58.3	57.3	56.7	55.6	2
56.7	55.6	54.5	54.1	55.2	56.2	57.0	56.1	56.4	54.9	57.6	57.6	58.0	57.5	57.1	58.0	56.0	54.9	54.3	54.6	53.0	53.6	53.4	53.0	3
52.6	52.8	52.6	52.7	52.4	52.4	52.7	53.0	52.5	52.6	52.3	52.0	52.7	52.1	51.9	51.1	50.4	50.0	55.0	55.2	55.4	54.5	54.0	53.6	4
51.1	50.5	50.0	50.5	51.1	51.3	53.4	53.8	53.0	53.0	53.3	53.2	51.9	51.1	50.4	50.0	49.5	49.0	49.3	47.7	46.0	44.7	44.5	5
48.8	48.5	47.1	46.6	47.6	47.9	50.8	50.5	50.4	51.0	53.0	54.6	54.7	53.1	53.5	53.6	54.0	53.4	53.0	52.0	51.5	50.0	49.4	48.3	6
46.6	46.4	46.0	46.4	48.5	50.0	53.0	54.2	54.2	54.8	54.7	55.0	55.7	54.9	54.0	55.5	55.5	55.3	52.2	51.7	51.7	52.0	52.0	52.4	7
52.7	52.2	52.0	52.0	52.2	53.3	54.0	53.0	52.7	56.1	57.0	58.5	59.0	60.0	59.9	59.8	60.2	60.1	59.2	58.3	57.0	56.0	56.0	56.1	8
57.5	54.0	54.7	54.8	56.0	56.1	57.2	57.1	57.3	57.9	60.0	60.0	60.0	61.5	62.0	61.4	62.0	62.4	62.6	61.1	60.6	58.2	56.9	55.5	9
53.2	52.9	52.0	53.6	54.1	56.1	55.3	55.7	54.0	54.6	54.6	54.5	55.0	54.8	54.4	54.0	54.2	53.9	53.9	53.8	53.0	52.7	52.0	52.7	10
53.2	52.0	52.2	52.0	51.7	52.0	53.2	53.6	52.0	54.2	54.0	54.5	55.3	54.9	54.6	53.5	52.6	53.2	53.2	52.8	51.2	51.2	51.8	51.4	11
53.8	51.0	50.5	50.6	51.0	51.9	52.7	51.5	51.5	51.6	51.5	51.4	52.0	51.2	52.4	52.7	52.0	52.0	52.2	52.0	51.8	51.6	51.8	52.0	12
51.9	52.1	52.0	53.5	54.4	55.0	55.3	54.9	55.0	55.0	56.0	56.2	56.0	57.0	57.6	57.0	56.0	56.0	56.0	55.9	55.5	55.0			13
54.8	54.9	55.0	55.2	55.6	56.0	56.9	59.0	60.7	61.5	59.2	61.0	60.4	60.3	58.9	58.1	57.9	59.5	57.2	56.9	55.7	54.9	53.8		14
53.7	52.7	52.0	51.5	54.0	56.0	55.8	56.9	56.4	55.3	56.0	55.6	55.1	55.0	54.5	54.1	54.2	54.1	53.9	53.5	53.4	52.9	52.4		15
51.7	51.6	51.7	52.0	52.0	51.8	52.0	52.1	52.5	53.6	53.0	54.0	54.1	55.0	55.4	54.0	54.0	55.3	54.0	54.0	53.9	54.1	54.2		16
54.0	54.1	54.2	54.5	55.0	56.1	56.7	57.2	58.3	62.0	62.3	62.8	62.9	64.7	65.0	64.7	64.1	64.0	64.0	61.8	60.0	59.9	59.7	58.9	17
56.0	56.0	54.4	55.5	57.0	57.6	58.0	57.6	57.9	58.2	56.2	56.4	56.0	55.7	57.2	58.0	57.9	57.0	56.0	55.9	55.7	55.4	55.7		18
55.7	55.4	55.5	55.5	56.4	57.2	57.2	57.9	58.4	60.5	61.0	60.4	61.0	57.9	58.0	57.6	56.5	56.8	58.2	56.0	55.4	55.1			19
53.5	53.0	55.0	55.0	55.0	54.4	54.6	54.4	54.9	56.0	56.3	55.0	55.9	56.0	56.0	55.0	55.0	54.4	54.0	54.0	54.0	52.0	54.0	54.4	20
52.4	52.6	52.3	52.0	52.1	53.4	54.0	54.9	55.2	57.1	56.3	55.9	56.1	56.7	57.1	57.1	57.0	56.4	56.7	55.4	55.4	55.0	54.6		21
53.2	53.3	53.0	53.9	54.4	56.3	55.9	55.0	54.4	54.6	54.7	55.9	55.9	56.0	55.6	55.7	55.0	56.0	56.6	56.0	55.6	54.2	55.1	55.4	22
53.0	53.7	53.7	53.6	53.1	53.2	54.0	53.6	53.4	53.4	53.2	54.7	54.0	55.3	54.8	55.5	55.0	54.0	54.0	54.1	53.6	53.4	53.3	53.1	23
52.2	52.3	52.0	51.6	51.4	52.2	53.6	55.0	55.1	55.0	55.1	55.5	55.5	56.7	56.0	56.5	57.0	56.2	56.0	56.0	55.0	55.0	55.0		24
52.3	51.5	51.9	53.9	55.6	55.7	55.6	55.9	57.1	57.5	56.5	56.4	56.0	55.0	55.0	55.0	55.2	55.2	55.3	55.4	55.9	54.4	52.0		25
53.5	53.5	53.2	54.2	54.0	56.0	55.4	56.2	56.1	56.8	57.4	57.0	57.8	57.0	57.2	57.0	57.4	55.7	54.6	54.2	52.5	52.0	50.0		26
54.4	54.5	54.1	54.1	52.0	52.2	55.2	57.0	57.8	57.6	57.8	57.3	58.4	57.3	56.4	57.3	57.8	56.1	56.7	55.3	55.9	56.0	56.2		27
53.0	53.8	53.8	55.5	56.5	57.0	57.9	57.5	57.4	57.5	57.6	58.7	58.6	58.0	57.6	57.2	57.0	57.4	55.7	54.6	52.4	52.5	50.0		28
52.4	54.2	54.1	54.1	53.9	...	...	...	62.2	63.4	66.2	66.4	65.0	66.0	64.4	64.0	63.1	63.1	60.5	55.0	54.9	53.5	49.3		29
48.1	47.3	47.5	47.9	50.1	52.1	53.9	54.3	53.1	54.1	53.5	54.2	53.0	53.7	55.0	55.1	56.9	57.6	57.0	54.0	52.9	51.6	49.1		30
																								31

Meteorological Office,
116 Victoria Street Westminster. S W.

ROBERT H. SCOTT, Director

ABERDEEN OBSERVATORY LAT. 57.10' N LONG. 2.6' W.

WIND

DIRECTION IN NUMBERS { 8 - E, 24 - W. / 16 - S, 32 - N. }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	25	11	24	7·5	23	8·5	24	10·5	22	12	22	7·5	22	10·5	21	13	24	13	24	6·5	25	7·5	23	6·5	30	4
2	16	11	15	12	16	12	16	11	16	19	16	13	17	12	15	14	15	17	15	19	15	21	15	18	14	17
3	17	9·5	18	8·5	17	10·5	16	13	15	13	15	13	15	18	16	19	16	20	16	15	16	19	16	19	17	25
4	18	13	16	16	17	12	17	12	17	14	17	15	18	19	17	21	18	20	18	18	18	29	18	26	18	22
5	18	11	19	12	20	8·5	20	7·5	20	13	21	13	24	16	24	15	25	13	27	15	26	18	26	13	26	14
6	25	6·5	25	5·5	25	4·5	25	3	25	4	17	6·5	17	4·5	20	10·5	20	10·5	20	13	6	12	15	15	19	16
7	21	3	21	4·5	21	3	21	3	21	5·5	21	7·5	19	10·5	16	11	18	12	16	14	17	16	18	13	19	15
8	16	4	16	3	16	6·5	16	5·5	16	5·5	16	4	17	6·5	12	14	10	12	14	15	16	17	16	17	14	17
9	18	7·5	13	6·5	14	7·5	15	6·5	16	10·5	15	15	16	14	17	13	16	11	15	14	15	17	18	13	14	16
10	30	7·5	30	7·5	30	6·5	25	5·5	25	5·5	25	5·5	28	4·5	5	7·5	6	11	6	12	6	11	3	8·3	7	11
11	8	4·5	28	4·5	28	4·5	28	3	28	3	28	4	30	6·5	5	5·5	6	5·5	6	5·5	1	8·5	30	9·5	6	11
12	8	7·5	8	5·5	8	5·5	3	5·5	31	6·5	30	4·5	30	6·5	30	5·5	2	9·5	4	8·5	7	5·5	10	8·5	10	6·5
13	15	4	15	4	15	4	15	4	15	4	15	4·5	15	4	15	6·5	13	8·5	12	12	11	9·5	12	10·5	10	10·5
14	14	8·5	13	9·5	13	7·5	13	9·5	13	9·5	13	6·5	13	6·5	13	8·5	13	4·5	18	6·5	13	12	26	10·5	28	10·5
15	26	4	26	6·5	26	4	26	4	26	4	26	4·5	26	4	26	8·5	27	8·5	7	9·5	9	8·5	10	8·5	11	9·5
16	10	4·5	10	6·5	10	4·5	10	4	10	3	10	4	10	4·5	10	4·5	10	7·5	11	9·5	11	10·5	12	11	14	12
17	16	9·5	16	7·5	15	8·5	15	8·5	16	9·5	16	9·5	16	11	15	11	15	10·5	12	11	14	12	12	14	14	12
18	19	4·5	19	4·5	22	4	22	4·5	22	5·5	11	4·5	16	3	10	5·5	13	7·5	14	14	14	13	14	13	14	13
19	17	4·5	17	5·5	16	5·5	16	4	16	3	16	10·5	16	12	16	16	14	15	14	21	15	24	14	19	14	17
20	16	2	16	4	24	7·5	25	6·5	25	4·5	24	5·5	24	2	24	4·5	15	4·5	11	3	11	9·5	13	8·5	16	12
21	28	4·5	28	4·5	28	4	28	4·5	30	6·5	30	7·5	30	7·5	29	7·5	29	6·5	29	9·5	30	9·5	31	8·5	8	12
22	10	4	10	3	10	2	10	3	10	2	10	4	10	2	10	4	10	6·5	9	5·5	14	9·5	14	12	15	10·5
23	22	5·5	22	4·5	22	3	22	4	22	4	22	4·5	22	3	22	4·5	11	8·5	12	9·5	12	11	12	9·5	12	9·5
24	25	5·5	25	7·5	26	8·5	28	7·5	30	7·5	1	8·5	1	7·5	32	8·5	30	10·5	28	11	28	10·5	27	15	26	11
25	27	4·5	27	6·5	27	5·5	27	5·5	24	5·5	24	4·5	24	7·5	22	6·5	24	4·5	14	10·5	15	12	15	13	14	15
26	17	5·5	17	4·5	17	4·5	17	4·5	17	4	15	9·5	14	11	16	10·5	16	5·5	15	8·5	14	14	13	13	13	15
27	14	7·5	14	6·5	14	5·5	17	4·5	17	6·5	17	6·5	16	7·5	16	14	15	14	14	16	14	20	14	17	14	18
28	14	8·5	22	7·5	24	6·5	24	5·5	24	6·5	24	6·5	24	4	2	6·5	4	8·5	6	12	11	10·5	11	9·5	10	7·5
29	13	2	13	2	13	2	13	3	13	4	13	5·5	24	5·5	24	4	23	4·5	20	6·5	10	9·5	12	12	12	13
30	24	4·5	24	4·5	23	7·5	24	4	24	6·5	24	8·5	25	11	24	12	23	9·5	23	12	22	11	14	14	13	12
31	20	11	19	10·5	19	11	20	12	20	12	20	11	18	9·5	16	11	14	13	18	14	14	14	15	11	16	13

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET. / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET. }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·010	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	·095	·015	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·025	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·025	·025	·030	·070	·080	·040
12	·020	–	–	·010	·005	·015	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	Total 1 am. to 10 am. = ·250											·010	·055	–	·005	·270	·030	·050	·010	·010	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	·010	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	·050	·016	·035	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	·010	–	–	–	–	–	–	·080	·050	·130	·015	–	·025	·050	·010	–	–	·005	–	–
23	–	–	–	–	–	–	–	–	–	–	–	–	·010	–	–	–	–	·130	–	–	–	–	·020	–
24	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010
25	·030	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	–	–	–	·015	·005	–	–	–	·020	·010	–	–	·025	·010	–	·005	–	–	–	·010
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
28	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	·010	·140	·070	–	–	–	–	–	–	·075	·005	–	–

HOURLY VALUES July 1874

AND VELOCITY IN MILES PER HOUR

2		3		4		5		6		7		8		9		10		11		MIDT.		DAYS
	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
	4·5	7	8·5	6	5·5	8	4	18	9·5	16	9·5	17	8·5	16	10·5	16	10·5	15	18	16	13	1
	19	16	17	16	17	18	18	14	18	15	18	17	13	18	9·5	16	6·5	16	11	16	8·5	2
	18	16	19	17	18	18	15	18	17	16	14	16	12	20	13	17	9·5	18	10·5	18	13	3
	19	18	31	18	29	19	26	18	19	18	19	19	16	19	17	18	18	18	13	20	12	4
	18	27	20	26	25	26	25	27	22	26	15	25	5·5	25	5·5	25	4·5	25	4·5	25	5·5	5
	17	19	16	19	21	19	13	20	18	20	14	20	13	21	16	21	15	22	14	21	6·5	6
	18	18	18	15	13	14	16	16	15	16	13	17	13	16	9·5	17	7·5	16	6·5	16	4	7
	16	15	15	18	19	19	16	18	14	16	10·5	16	8·5	16	7·5	18	7·5	18	5·5	18	7·5	8
	12	18	15	20	14	19	14	19	8·5	18	7·5	19	6·5	19	5·5	2	4	32	5·5	31	7·5	9
	9·5	10	7·5	9	6·5	8	6·5	8	7·5	8	4·5	8	6·5	10	8	10	2	10	4·5	8	3	10
	10·5	5	8·5	6	10·5	6	8·5	4	8·5	4	8·5	6	10·5	6	4·5	6	3	6	9·5	8	8·5	11
	6·5	10	5·5	12	9·5	12	9·5	12	8·5	12	8·5	12	6·5	12	4·5	12	5·5	12	8·5	15	4·5	12
	13	14	15	14	13	14	15	14	17	15	13	15	9·5	14	10·5	14	15	14	13	14	10·5	13
	6·5	18	5·5	7	8·5	15	8·5	19	5·5	24	4·5	26	4·5	26	5·5	26	6·5	26	8·5	26	7·5	14
	10·5	8	8·5	10	7·5	10	6·5	10	5·5	10	5·5	10	4·5	10	5·5	10	5·5	10	5·5	10	4·5	15
	11	13	13	13	16	13	14	14	12	14	12	15	12	15	11	15	9·5	15	10·5	15	8·5	16
	13	15	12	14	13	13	9·5	14	9·5	14	6·5	16	4·5	16	6·5	16	4·5	16	3	16	4	17
	15	14	12	15	15	15	11	16	10·5	18	10·5	16	12	16	8·5	16	8·5	17	4	17	6·5	18
	23	14	22	14	19	16	17	15	12	14	9·5	16	10·5	16	6·5	16	4·5	16	3	18	2	19
	11	28	11	4	5·5	4	6·5	4	5·5	4	6·5	4	8·5	28	4·5	28	5·5	28	6·5	28	5·5	20
	10·5	6	12	8	10·5	8	8·5	10	7·5	10	8·5	10	6·5	10	4·5	10	4	10	4	10	4	21
	7·5	16	4·5	16	5·5	14	5·5	17	8·5	18	5·5	18	5·5	18	4·5	24	6·5	24	4·5	22	6·5	22
	7·5	10	7·5	8	9·5	9	5·5	24	7·5	13	4	13	3	13	4	22	5·5	25	8·5	25	5·5	23
	9·5	28	12	27	13	28	12	28	14	27	11	27	7·5	27	6·5	27	4·5	27	4·5	27	5·5	24
	16	14	11	14	15	15	12	15	16	14	13	14	14	14	15	14	12	14	9·5	14	7·5	25
	16	14	18	13	15	13	15	13	11	13	10·5	13	9·5	13	6·5	14	4	14	4	14	4·5	26
	19	14	16	14	16	14	16	14	12	14	9·5	14	7·5	14	4	14	3	14	2	14	5·5	27
	10·5	9	12	10	10·5	12	13	14	9·5	13	6·5	13	5·5	13	4·5	13	4	13	4	13	4·5	28
	11	5	13	15	11	15	10·5	15	9·5	15	6·5	11	6·5	17	6·5	24	10·5	24	7·5	24	4·5	29
	12	19	13	20	15	20	18	22	14	22	11	22	9·5	22	10·5	22	10·5	22	13	22	11	30
	13	16	14	15	13	15	11	18	10·5	18	19	18	11	26	10·5	24	10·5	24	12	23	9·5	31

Meteorological Office,
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Director.

FALMOUTH OBSERVATORY LAT 50°9' N LONG 5°4' W.

BAROMETER

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29·818	29·802	29·792	29·796	29·780	29·772	29·778	29·786	29·786	29·799	29·806	29·808	29·81
2	29·684	29·646	29·632	29·632	29·621	29·618	29·630	·638	29·628	·620	29·629	·627	·62
3	.....	.....	.....	*	.....	.....	.....	·749	*	29·764	*	·794	·79
4	29·835	29·827	29·829	29·831	29·835	29·853	29·867	29·877	29·891	*	29·914	29·924	29·92
5	30·006	30·004	30·004	30·006	30·014	30·030	30·042	30·054	30·058	30·071	30·076	30·087	30·09
6	30·104	30·094	30·080	30·076	30·082	30·082	30·088	30·094	30·088	30·082	30·082	30·080	*
7	29·954	29·936	29·920	29·910	29·912	29·912	29·916	29·910	29·902	29·896	29·894	29·886	29·87
8	·868	·868	·872	·874	·872	·872	·892	·901	·910	·916	·918	·924	·93
9	·938	·933	·926	·928	·932	·940	·946	·951	·960	·962	·954	·953	·94
10	·944	·936	·940	·930	·928	·936	·948	·962	·956	·962	·949	·947	·94
11	·907	·899	·892	·895	·889	·897	·901	·902	·893	·895	·893	·881	·88
12	·859	·849	·839	·833	·828	·829	·832	·839	·841	·840	·834	·838	·84
13	·870	·872	·874	·875	·880	·886	·896	·902	·908	·908	·914	·912	·91
14	·870	·866	·852	·852	·854	·854	·852	·854	·866	·868	·879	·871	·88
15	·911	·907	·909	·917	·921	·935	·949	·951	·949	·945	·943	·948	·95
16	·915	·909	·909	·910	·913	·913	·917	·923	·925	·927	29·931	29·927	29·92
17	29·961	29·953	·953	·960	·955	·958	·968	29·979	29·987	29·993	30·004	30·002	30·00
18	30·012	30·000	·988	·986	·984	·988	·999	30·004	30·009	30·008	30·004	29·997	29·99
19	29·917	29·897	·890	·882	·892	·896	·900	29·899	29·894	29·887	29·882	·874	·87
20	·826	·810	·802	·800	·800	·805	·812	·816	·816	·816	·803	·791	·78
21	·651	·641	·625	·631	·638	·643	·661	·671	·679	·691	·701	·711	·72
22	·769	·767	·761	·757	·757	·759	·771	·767	·773	·772	·758	·752	·74
23	·696	·684	·687	·688	·690	·700	·707	·720	·720	·711	·720	·722	·718
24	·728	·712	·700	·693	·686	·690	·693	·690	·683	·674	·669	·663	·67
25	·763	·759	·765	·772	·775	·789	·791	·800	·792	·788	·780	·781	·774
26	·556	·552	·549	·546	·548	·554	·562	·569	·558	·556	·560	·556	·56
27	·538	·530	·516	·514	·514	·514	·513	·516	·513	·506	·497	·495	·474
28	·412	·397	·382	·379	·375	·372	·379	·379	·373	·379	·378	·372	·366
29	·448	·458	·458	·468	29·484	29·516	29·536	·548	·558	·578	·590	·605	·619
30	·767	·769	·773	·779	.....	*	.....	·818	·819	·837	·844	·854	·858
31	29·914	29·906	29·898	29·899	29·894	29·898	29·904	29·909	29·899	29·904	29·895	29·897	29·893

DRY BULB THERMOMETER 11 FEET ABOVE GROUND

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	58·8	58·7	58·1	57·7	57·5	57·3	57·5	58·1	59·5	60·0	61·5	61·8	61·8	62·6	62·0	59·8	58·8	58·1	57·6	57·0	57·0	56·8	57·5	57·5
2	56·8	56·6	56·8	56·6	56·8	56·8	57·0	57·8	58·8	59·7	59·7	59·4	59·1	59·1	59·9	62·2	62·4	61·3	60·9	60·0	59·4	59·5	59·2	59·0
3	58·9	58·3	58·5	57·7	58·0	58·7	61·0	60·9	62·2	63·6	63·0	62·6	64·0	64·0	63·0	63·2	62·2	61·4	60·7	59·9	59·2	58·2	58·8	57·4
4	57·2	57·0	55·9	56·1	57·3	57·5	58·8	60·8	62·0	62·2	62·0	63·9	64·0	64·0	63·9	63·6	62·4	61·1	59·7	58·0	56·6	56·8	55·7	55·5
5	55·8	55·2	54·5	53·5	54·2	55·9	59·1	61·0	63·5	63·2	64·1	64·0	63·4	64·8	65·0	64·6	63·7	63·2	61·3	58·8	56·0	54·8	54·0	53·5
6	52·5	52·7	52·1	51·7	52·2	53·2	58·0	60·0	61·4	62·1	62·1	61·8	*	63·8	*	63·0	62·2	62·0	61·0	60·6	58·0	56·0	55·3	55·0
7	54·8	53·9	54·0	63·2	54·0	55·0	59·5	61·7	63·1	62·4	63·3	63·7	63·9	63·6	63·2	63·0	63·3	62·0	64·0	61·0	58·5	57·7	57·8	56·9
8	56·2	55·5	54·6	54·0	54·6	56·8	61·7	64·5	66·9	65·3	65·7	68·1	66·5	66·6	66·9	69·1	69·5	68·0	67·1	65·0	62·7	60·1	59·1	58·2	57·9
9	57·3	56·4	56·0	55·9	57·2	58·4	60·0	60·9	61·0	61·9	63·7	65·3	66·3	66·6	67·8	67·4	66·0	63·5	62·4	61·6	60·7	59·7	59·0	58·6
10	58·6	59·1	58·7	59·0	59·9	60·1	61·0	63·0	65·0	66·0	65·5	65·2	66·9	64·7	63·0	65·6	65·7	64·9	63·4	61·8	61·1	61·2	61·4	61·0
11	59·1	60·0	60·0	60·0	60·3	60·4	62·1	63·1	64·4	64·4	65·8	67·7	67·7	65·2	67·5	66·7	66·4	65·4	63·6	62·0	60·0	58·9	57·8	57·0
12	58·2	58·7	59·0	58·5	58·9	60·0	61·0	62·8	62·7	62·8	63·3	66·3	68·1	66·7	65·7	64·2	64·4	64·1	64·4	63·7	63·0	62·4	62·3	61·0
13	60·9	60·3	61·0	60·7	60·5	60·7	61·8	62·3	65·2	64·9	63·9	64·0	64·7	63·9	63·6	62·2	63·2	64·5	63·7	63·4	62·8	62·4	62·1	61·9
14	61·5	61·5	61·6	61·5	61·5	61·5	62·6	64·6	66·0	66·6	64·0	68·5	65·5	69·2	68·6	70·2	70·3	67·7	65·9	63·5	61·0	60·1	59·4	58·8
15	57·2	57·6	57·5	57·4	57·2	58·9	63·0	64·9	66·0	67·7	70·1	68·9	70·0	69·4	70·2	71·0	69·7	67·3	66·3	64·3	62·0	61·1	60·7	60·8
16	61·5	60·9	60·9	60·9	60·9	61·3	63·2	64·7	65·6	66·6	66·7	65·2	64·4	64·4	64·0	64·3	65·9	65·4	64·9	64·0	63·3	62·9	62·4	62·1
17	61·9	61·5	60·9	60·7	60·7	61·4	62·6	64·3	63·4	63·6	64·9	65·7	65·8	66·0	65·9	65·8	65·5	64·3	63·7	62·8	62·5	62·8	62·7	62·6
18	61·7	61·5	61·4	60·8	60·9	61·5	63·0	64·1	65·0	65·6	65·2	65·1	65·1	64·7	64·1	63·8	63·8	63·1	62·6	61·9	61·3	61·1	61·0	60·7
19	60·5	60·2	60·2	60·2	60·6	61·8	64·2	66·0	67·2	67·0	67·3	67·4	67·4	67·8	67·0	67·0	67·0	67·1	68·1	65·5	63·7	62·0	62·8	62·5
20	61·9	61·6	59·9	59·2	59·0	60·3	64·2	66·6	66·9	67·7	68·5	69·5	68·0	68·2	67·9	66·5	64·7	64·1	63·0	62·0	61·3	61·8	61·6	60·1
21	60·1	58·5	58·2	58·7	58·7	58·7	60·7	62·3	64·2	64·5	65·1	65·4	66·0	66·4	66·6	64·4	65·0	63·9	62·1	59·7	58·1	58·2	58·0	58·2
22	57·9	56·3	56·2	55·7	56·7	58·0	58·8	60·0	57·7	58·9	61·1	61·1	63·4	60·0	63·2	63·2	64·2	63·5	62·0	59·7	58·4	56·9	56·4	56·1
23	57·0	57·0	56·5	55·8	56·0	61·0	62·0	61·0	64·2	63·2	64·9	66·7	66·2	65·2	64·1	63·1	62·6	61·2	59·8	57·7	57·0	56·6	56·8	
24	56·6	56·6	55·7	54·7	57·0	55·4	55·4	56·2	56·9	57·1	59·9	62·8	63·7	62·1	62·5	64·0	63·9	63·0	61·5	61·5	59·3	57·9	57·3	56·8	56·7
25	57·1	56·9	55·8	55·1	55·4	57·0	62·0	65·0	65·8	67·1	67·5	68·7	67·4	66·5	63·0	63·2	59·7	58·2	58·0	56·1	56·6	57·5	59·8	61·0
26	61·0	60·0	59·4	58·0	57·9	58·3	61·0	63·0	63·0	61·5	63·5	66·0	65·9	64·8	61·7	64·3	63·0	62·2	60·8	59·4	59·5	58·6	58·4	58·2
27	58·0	56·5	57·0	56·2	56·4	56·9	58·5	60·3	63·0	64·7	66·0	66·0	65·9	64·7	64·7	64·0	64·5	62·1	58·8	59·2	58·6	58·2	57·9	56·0
28	56·0	55·6	54·9	54·4	54·9	55·3	58·2	59·2	59·8	58·3	63·0	64·8	65·0	61·6	60·8	59·7	62·3	60·2	60·0	59·4	57·0	56·7	56·3	55·4
29	55·0	54·8	53·4	53·5	54·0	55·0	60·1	59·0	63·9	63·9	63·6	65·7	66·2	66·6	66·0	66·1	65·5	64·5	62·1	60·0	58·3	58·0	57·0	56·3
30	56·0	55·0	55·7	56·1	58·1	58·6	60·2	62·5	64·0	64·1	65·6	65·1	66·2	65·9	65·5	64·9	63·9	62·3	61·9	60·9	60·6	60·2	58·8	59·0
31	59·5	58·9	59·1	59·3	59·4	59·6	60·4	61·6	62·1	63·6	65·9	66·8	66·5	67·0	66·3	65·4	65·0	62·5	61·9	61·2	60·9	60·0	60·0	60·1

* Record defective or Instrument out of action.

HOURLY VALUES *July* 1874

CISTERN 211 FEET ABOVE MEAN SEA LEVEL

2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
29.809	29.798	29.786	29.770	29.760	29.752	29.754	29.756	29.746	29.730	29.708	1
.617	.619	.625	.641	.653	.664	.677	.689	.691	.697	*	2
.796	.793	.793	.795	.805	.811	.811	.825	.833	29.829	29.835	3
29.932	29.932	29.944	29.939	29.954	29.966	29.950	29.988	29.994	30.001	30.004	4
30.096	30.092	30.088	30.088	30.096	30.102	30.106	30.118	30.118	30.120	30.116	5
30.050	30.036	30.021	30.006	29.998	29.990	29.986	29.983	29.986	29.980	29.964	6
29.868	29.860	29.850	29.842	.841	.848	.848	.850	.854	.874	.870	7
.943	.936	.928	.926	.930	.936	.938	.934	.941	.942	.942	8
.944	.950	.944	.934	.938	.948	.946	.954	.958	.960	.964	9
.951	.952	.941	.939	.939	.933	.935	.937	.937	.933	.927	10
.883	.873	.863	.853	.855	.859	.865	.875	.873	.867	.865	11
.839	.840	.834	.832	.838	.844	.854	.862	.866	.874	.872	12
.909	.906	.902	.898	.897	.900	.894	.892	.886	.874	.874	13
.883	.851	.873	.873	.879	.882	.883	.893	.903	.909	.911	14
.945	.933	.927	.925	.919	.919	.921	.923	.935	.932	.925	15
29.925	.921	.928	.921	.927	29.933	.945	.955	.961	29.963	29.963	16
30.001	.998	.992	.988	.996	30.002	.996	.996	.998	30.009	30.012	17
29.987	.972	.957	.947	.942	29.942	.942	.942	.939	29.936	29.932	18
.866	.852	.837	.828	.826	.830	.830	.840	.842	.840	.832	19
.779	.765	.756	.746	.739	.735	.725	.711	.693	.665	.667	20
.741	.747	.757	.761	.762	.759	.769	.781	.785	.785	.781	21
.734	.722	.712	.702	.700	.702	.704	.706	.712	.712	.702	22
.724	.730	.726	.726	.726	.734	.736	.746	.746	.746	.738	23
.675	.679	.687	.697	.700	.713	.723	.742	.750	.755	.765	24
.774	.762	.752	.719	.728	.692	.669	.638	.596	.569	.560	25
.553	.560	.553	.556	.550	.551	.554	.556	.548	.538	.541	26
.472	.464	.451	.441	.435	.435	.437	.441	.437	.422	.419	27
.370	.374	.376	.376	.378	.388	.400	.406	.416	.424	.434	28
.635	.652	.659	.665	.677	.693	.710	.732	.739	.749	.759	29
.866	.879	.879	.892	.896	.899	.909	.912	.918	.914	.914	30
29.873	29.870	29.875	29.867	29.855	29.853	29.863	29.855	29.851	29.841	29.835	31

WET BULB THERMOMETER *11 FEET ABOVE GROUND*

1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
58.6	58.5	58.0	57.5	57.2	56.5	56.6	56.9	57.6	57.9	58.8	59.1	59.0	59.5	59.0	57.4	56.9	56.9	57.8	56.5	56.5	56.6	57.2	57.2	1
.4	56.2	56.5	56.0	56.0	56.2	56.3	56.8	57.2	57.9	57.9	58.0	58.5	58.6	59.2	60.7	60.1	59.2	59.0	58.3	58.1	58.1	57.7	57.5	2
.2	57.0	56.8	56.1	56.5	56.7	58.0	57.7	58.5	59.2	58.9	58.2	59.0	59.4	59.0	59.0	58.5	58.2	58.0	57.4	57.2	56.2	57.0	55.2	3
55.3	55.0	54.1	54.1	55.4	55.0	55.7	56.2	56.9	55.5	55.4	56.6	57.6	56.8	56.6	56.9	56.4	55.6	55.0	54.6	53.7	53.3	53.3	53.0	4
53.5	53.0	52.0	51.0	51.2	52.8	54.1	55.0	56.0	55.5	57.0	55.3	55.0	55.3	54.9	55.7	55.2	55.3	54.1	53.5	52.7	52.1	51.6	51.0	5
50.5	50.2	50.0	50.0	50.4	51.5	55.0	55.5	56.8	56.6	56.5	56.2	*	54.4	*	52.7	53.2	53.7	54.2	55.2	54.6	53.9	52.1	52.9	6
6	52.0	51.7	50.7	50.9	51.2	54.1	54.7	56.5	55.7	57.1	58.1	58.5	58.4	58.7	58.4	58.9	58.1	57.5	55.6	55.1	55.0	55.4	54.9	7
2	53.8	52.9	52.4	52.5	54.6	57.3	59.0	60.1	61.4	60.7	62.1	61.4	61.1	61.9	61.6	61.0	60.4	59.1	58.8	57.9	57.1	56.3	55.8	8
5	54.9	54.3	54.1	55.4	56.4	57.0	57.9	57.9	58.5	59.7	60.6	61.6	62.0	62.7	61.5	61.5	59.0	59.2	59.0	58.6	58.0	57.6	57.2	9
1	51.6	57.6	57.3	57.9	58.6	58.5	59.7	60.5	61.4	61.2	61.0	61.8	60.0	59.2	60.0	60.4	59.2	59.7	58.7	58.4	58.2	59.1	58.7	10
2	58.0	58.4	58.5	58.5	58.0	58.3	59.0	59.4	59.8	60.0	60.9	61.2	60.0	60.0	60.0	60.4	60.0	59.7	59.1	58.6	57.5	55.0	54.8	11
8	56.2	57.0	57.1	58.0	59.2	60.5	61.5	61.6	61.9	62.8	64.0	64.1	63.8	63.8	62.7	62.8	63.0	62.3	62.0	61.4	61.2	60.9	59.7	12
6	59.5	59.9	59.9	59.9	60.1	61.0	61.1	63.0	62.2	62.0	62.3	62.7	62.4	62.2	62.0	61.9	62.7	62.4	62.1	61.8	61.6	61.4	61.2	13
2	61.2	61.2	61.2	61.1	61.8	62.8	62.9	64.0	66.0	65.9	65.0	65.9	65.7	65.1	64.2	62.2	61.8	60.7	59.5	58.9	58.0	57.6		14
1	56.5	56.6	56.4	56.3	57.3	60.0	60.5	60.5	60.9	63.5	62.5	63.8	62.2	63.4	63.7	63.0	61.5	61.0	60.6	60.0	59.0	58.9	58.9	15
9	58.6	58.4	59.2	58.6	59.5	60.2	60.8	61.0	60.4	61.1	60.2	61.8	61.5	61.0	60.0	59.5	59.2	59.9	59.7	59.6	59.0	59.0	58.8	16
9	58.8	58.5	58.1	58.0	58.8	59.6	60.5	60.3	60.3	61.1	61.8	61.9	61.5	61.5	61.2	61.0	60.3	59.1	58.5	58.5	58.8	59.0	59.0	17
1	58.1	58.0	58.6	58.4	58.3	57.0	59.4	60.5	60.6	60.7	59.9	60.4	60.0	60.0	60.0	60.0	59.7	59.7	59.4	59.4	59.2	59.0	58.9	18
4	58.4	58.6	58.6	58.4	59.7	61.0	61.5	62.3	62.4	62.6	63.0	63.0	63.0	62.9	63.0	63.1	63.1	62.1	61.8	61.2	61.1	61.4	60.5	19
7	58.9	57.5	56.9	56.7	57.2	57.8	60.2	60.0	59.4	59.5	59.7	59.7	59.4	60.8	59.5	58.7	59.1	59.0	59.5	59.5	60.0	60.6	58.9	20
6	56.4	56.3	56.5	56.1	55.6	57.0	56.4	57.3	57.1	57.6	57.0	58.0	57.8	57.8	57.7	57.2	56.7	56.3	54.9	55.0	55.4	55.0	55.2	21
6	53.3	53.0	53.0	54.5	55.0	56.0	57.2	56.2	57.0	58.1	57.9	58.0	58.1	58.5	58.4	57.5	57.5	57.5	56.0	55.5	54.5	54.1	52.4	22
9	55.1	54.7	53.7	54.0	54.8	56.9	57.0	56.5	58.3	59.1	59.0	58.2	57.8	58.4	57.5	57.5	57.5	56.0	55.5	54.5	54.1	53.8	53.8	23
7	53.6	54.4	54.2	53.8	54.0	54.5	55.0	55.6	56.1	57.4	57.2	56.0	55.7	56.9	56.8	56.1	54.9	56.0	55.2	55.0	54.7	54.6	54.8	24
2	53.2	53.4	54.2	54.6	55.8	58.1	57.8	60.0	59.6	61.7	61.6	59.4	59.5	58.3	58.3	58.0	56.7	55.7	54.7	56.3	57.0	59.2	60.8	25
8	59.0	58.2	56.3	55.9	56.6	58.0	58.0	57.7	58.5	60.2	60.3	58.0	57.7	59.1	58.2	57.2	57.0	56.5	56.5	55.5	55.5	55.6	56.0	26
4	54.2	54.0	53.8	54.1	54.5	56.0	57.0	57.5	57.0	58.0	58.7	58.8	57.8	57.5	58.1	58.2	56.9	57.2	57.1	56.6	56.2	55.1	54.7	27
6	53.8	53.0	52.0	52.9	53.0	53.2	55.6	56.0	56.6	57.7	58.3	58.4	58.2	58.5	57.0	57.6	57.2	57.1	57.0	56.0	54.2	54.4	53.4	28
0	52.9	51.8	51.9	52.5	53.4	56.7	56.0	57.9	57.0	57.9	58.2	59.0	58.3	58.5	58.1	58.0	57.5	57.8	57.0	55.9	55.5	54.9	54.0	29
5	53.1	53.9	53.6	54.0	57.1	58.2	58.1	57.0	58.0	58.1	58.0	58.7	58.5	57.9	57.6	57.7	57.0	57.0	56.6	57.0	56.6	56.4	56.9	30
4	57.0	57.1	57.6	57.9	58.2	59.4	60.0	60.9	61.1	62.1	62.1	61.9	62.2	61.0	59.9	59.4	58.9	58.9	58.5	57.0	56.6	55.9	57.3	31

Meteorological Office,
116 Victoria Street Westminster. S W.

ROBERT H. SCOTT, Director.

FALMOUTH OBSERVATORY LAT. 50°9' N LONG. 5°4' W.

WIND

DIRECTION IN NUMBERS { 8 – E, 24 – W. / 16 – S, 32 – N. }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	20	21	20	19	20	23	20	23	19	26	19	24	19	28	19	25	19	26	19	20	18	25	17	20	18	20
2	16	14	14	14	16	13	17	13	17	15	17	17	16	18	17	21	17	22	17	19	17	25	17	24	17	24
3	19	23	19	22	19	25	19	24	19	24	19	22	19	28	19	29	19	31	19	29	19	35	19	33	19	31
4	20	18	20	19	20	14	20	14	20	17	22	18	21	20	22	23	22	24	21	26	19	25	21	28	21	28
5	23	9·5	23	12	23	13	23	12	23	13	23	11	24	15	25	16	25	16	25	19	26	18	26	19	26	17
6	28	5·5	28	4·5	28	4·5	28	3	28	2	28	3	28	4	2	4·5	11	6·5	11	5·5	12	8·5	14	7·5	14	4·5
7	29	7·5	29	6·5	29	6·5	29	7·5	29	6·5	29	8·5	29	4·5	2	7·5	8	12	8	12	7	13	11	15	11	12
8	28	10·5	28	7·5	28	7·5	28	6·5	28	7·5	27	9·5	27	6·5	27	4·5	28	7·5	19	4	13	6·5	24	6·5	26	10·
9	23	3	23	4·5	23	4	23	1·5	23	3	23	2	23	3	23	3	23	4	23	4	15	4·5	14	5·5	16	7·5
10	28	16	29	18	30	12	31	16	30	18	29	16	29	17	32	16	30	15	27	15	28	17	28	17	27	14
11	27	11	28	13	28	12	28	11	29	13	28	14	28	14	28	15	27	16	27	12	27	15	27	17	27	16
12	26	4	26	2	26	2	26	3	26	2	26	1·5	18	6·5	17	9·5	17	12	16	12	15	14	19	18	18	14
13	23	4·5	23	4	23	2	23	3	23	3	17	4	17	8·5	17	9·5	16	10·5	15	11	15	11	14	12	15	11
14	17	8·5	17	6·5	18	9·5	19	12	20	10·5	19	12	20	13	22	13	23	10·5	22	10·5	20	8·5	29	5·5	24	8·
15	28	8·5	28	7·5	28	10·5	28	5·5	28	4	28	4·5	30	4	2	8·5	4	5·5	4	6·5	15	7·5	15	8·5	14	8·
16	29	12	30	7·5	3	7·5	3	8·5	6	7·5	6	5·5	8	12	8	16	8	18	9	20	8	20	8	24	8	22
17	9	12	9	12	9	13	9	15	10	17	10	19	10	21	10	21	10	22	10	19	10	18	10	18	10	16
18	10	9·5	10	11	10	11	10	10·5	10	14	10	16	10	18	10	21	10	19	10	19	11	22	10	20	11	19
19	10	9·5	10	9·5	10	9·5	10	13	10	10·5	10	9·5	10	10·5	10	11	11	14	11	13	12	12	12	11	14	9·
20	27	14	27	13	27	12	27	11	27	12	27	13	27	17	27	20	27	16	27	16	26	19	26	17	26	18
21	23	10·5	23	11	22	17	23	17	24	16	24	18	24	25	24	30	25	35	25	32	25	38	25	31	25	32
22	24	14	24	14	24	12	23	7·5	23	7·5	23	5·5	23	6·5	17	8·5	20	10·5	19	10·5	16	11	16	13	18	11
23	24	14	24	14	24	15	24	14	24	16	24	11	24	14	25	20	25	19	26	18	26	19	26	19	26	19
24	23	10·5	23	11	24	12	23	14	25	14	25	10·5	25	8·5	24	5·5	25	5·5	26	10·5	28	14	27	17	29	19
25	28	15	28	13	28	8·5	28	6·5	28	6·5	28	7·5	28	4	28	4	15	7·5	21	11	21	18	24	16	23	17
26	25	18	26	18	26	16	25	17	26	12	24	11	24	14	22	17	25	22	25	20	25	20	22	23	23	24
27	23	9·5	23	11	23	11	23	7·5	23	6·5	25	8	23	4	18	5·5	20	13	19	18	*	15	17	15	17	16
28	20	8·5	20	6·5	20	7·5	20	10·5	22	9·5	22	8·5	18	8·5	17	6·5	17	11	18	8·5	17	12	16	15	16	16
29	29	6·5	29	6·5	29	6·5	29	7·5	29	10·5	29	8·5	29	10·5	29	10·5	29	14	30	15	28	15	28	14	27	14
30	26	16	25	12	24	12	24	11	24	14	24	9·5	24	9·5	27	17	26	20	26	19	25	21	26	17	26	18
31	23	9·5	28	9·5	23	7·5	23	8·5	23	7·5	28	9·5	23	8·5	22	13	20	14	22	14	22	18	23	17	22	18

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET. / HEIGHT ABOVE MEAN SEA LEVEL 107 FEET. }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	·005	·015	·055	·025	·005	·005	–	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	·010	·005	·005	–	–	–	–	–	–	–	·005	·015	·135	·065	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	.....	Total 1am to 10am = ·020										–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	·005	·015	·005	–	–	·015	–	·030	–	–	–	–	–	–	–	·005	–	–	–	·005
13	–	–	–	–	·010	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	·010	·020	·005	–	–	–	–	–	–	–	–	–	–
15	·005	–	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·010	·005	·015	·040
21	·025	·005	–	–	–	–	·005	–	–	–	·010	–	–	–	–	–	–	–	–	–	–	–	–	·010
22	–	–	–	–	–	–	–	–	·090	·020	·005	–	·005	·015	–	·005	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	·020	–	·005	–	–	–	·005	·005	–	–	–	–	–	–
24	–	–	–	–	·030	·010	·010	·005	·040	·040	–	–	–	·005	–	–	–	·005	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·020	·100	·080	·025	·105	·065	·060	·020
26	·025	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·040	·005	–	–	·005	–
28	–	–	–	–	·010	–	–	·005	·020	·030	–	–	–	·040	·005	·050	·005	–	–	·005	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

HOURLY VALUES ... July 1874

AND VELOCITY IN MILES PER HOUR

2		3		4		5		6		7		8		9		10		11		MIDT.				DAYS
V		D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V			
	21	17	19	17	21	16	20	17	19	16	18	17	13	16	14	15	15	16	19	15	15			1
	27	17	23	19	32	19	26	19	24	19	21	19	24	20	20	19	22	19	21	20	22			2
	31	19	36	19	35	19	33	20	30	20	26	20	24	20	21	20	19	20	20	20	16			3
	30	22	30	22	28	22	24	22	22	22	19	22	17	23	14	23	11	23	11	23	11			4
	15	26	16	27	14	27	14	26	11	27	11	28	9·5	28	8·5	28	6·5	28	4·5	28	5·5			5
	5·5	11	6·5	11	6·5	11	5·5	11	4	11	4	2	9·5	32	9·5	30	8·5	29	6·5	29	8·5			6
	9·5	12	8·5	15	5·5	14	4	13	3	28	11	28	10·5	28	12	28	14	28	12	28	11			7
	4·5	22	10·5	21	10·5	21	12	22	10·5	21	11	21	6·5	21	5·5	20	4·5	23	4·5	23	3			8
	8·5	28	15	27	15	29	17	30	17	31	12	30	12	28	15	28	13	28	15	28	15			9
	14	27	14	27	14	27	13	27	13	27	15	28	14	28	12	28	8·5	27	11	27	10·5			10
	18	27	15	27	16	27	15	27	13	27	11	27	9·5	27	8·5	27	5·5	27	8·5	27	8·5			11
	16	16	14	16	12	16	10·5	18	8·5	19	10·5	20	4	21	4·5	21	9·5	22	8·5	23	8·5			12
	14	15	13	16	14	16	12	17	9·5	17	8·5	18	7·5	18	9·5	19	10·5	19	10·5	16	9·5			13
	6·5	23	8·5	28	8·5	27	11	28	14	28	13	28	11	28	11	28	8·5	28	10·5	28	8·5			14
	6·5	15	4·5	29	14	29	15	30	17	31	16	31	15	29	14	28	12	28	12	28	16			15
	26	9	21	9	19	8	18	8	17	9	10·5	9	9·5	9	9·5	8	9·5	8	11	8	11			16
	19	11	17	10	15	9	14	9	15	10	11	10	10·5	10	13	10	13	10	13	10	13			17
	19	10	17	11	17	11	14	11	13	11	11	10	10·5	10	6·5	10	7·5	10	6·5	10	8·5			18
	8·5	13	10·5	15	8·5	15	7·5	15	5·5	28	6·5	28	10·5	28	9·5	28	8·5	28	12	28	16			19
	18	24	14	23	18	22	15	23	12	22	13	21	8·5	21	9·5	18	11	20	14	23	10·5			20
	33	25	28	25	26	25	26	24	24	25	22	24	18	24	15	23	11	23	13	24	12			21
	13	20	15	20	13	22	14	22	13	23	10·5	23	6·5	24	6·5	24	5·5	24	7·5	23	10·5			22
	21	24	18	25	18	25	20	25	18	26	17	25	16	25	13	25	15	25	11	24	11			23
	20	28	21	24	22	25	23	29	21	28	19	28	14	28	11	28	12	28	11	28	11			24
	19	21	18	21	17	19	14	18	10·5	16	18	17	20	17	22	17	22	20	20	23	17			25
	21	25	17	21	16	22	18	22	18	21	13	22	10·5	22	13	22	13	21	16	21	14			26
	19	19	22	18	23	18	22	18	20	21	9·5	20	7·5	20	7·5	20	7·5	20	7·5	20	8·5			27
	14	18	12	19	12	18	6·5	15	8·5	15	4	17	3	23	4	27	6·5	29	5·5	29	5·5			28
	15	28	14	27	14	28	14	27	14	27	14	27	10·5	27	13	27	14	27	14	27	15			29
	17	27	20	27	20	26	19	25	16	25	14	25	12	24	9·5	24	10·5	23	9·5	23	11			30
	21	23	21	24	23	24	22	24	17	22	15	24	14	24	12	22	11	21	13	23	14			31

Meteorological Office,
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Director.

STONYHURST OBSERVATORY LAT 53°51′ N LONG 2°28′ W.

BAROMETER

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29·430	29·446	29·449	29·456	29·460	29·473	29·481	29·484	29·489	29·499	29·497	29·498	29·486
2	·484	·460	·451	·444	·417	·424	·413	·414	·387	·380	·368	·356	·355
3	·363	·367	·355	·358	·367	·391	·397	·398	·396	·410	·412	·422	·418
4	·437	·442	·443	·448	·451	·476	·479	·469	·479	·498	·503	·509	·511
5	·614	·613	·619	·631	·640	·652	·671	·691	·709	·718	·733	·750	·762
6	·876	·875	·873	·877	·880	·892	·896	·909	·912	·908	·908	·904	·888
7	·825	·815	·806	·799	·795	·796	·796	·783	·769	·752	·745	·734	·717
8	·618	·629	·629	·631	·642	·653	·651	·669	·678	·685	·690	·697	·701
9	·735	·729	·732	·723	·717	·728	·729	·738	·735	·738	·708	·750	·744
10	·787	·784	·776	·778	·780	·785	·781	·782	·774	·780	·758	·749	·739
11	·693	·685	·680	·682	·685	·682	·685	·680	·676	·665	·662	·659	·649
12	·621	·619	·614	·618	·608	·620	·625	·635	·640	·641	·645	·641	·640
13	·692	·681	·678	·684	·683	·687	·688	·695	·697	·703	·700	·697	·686
14	·619	·602	·589	·586	·575	·581	·590	·601	·604	·609	·617	·616	·619
15	·687	·694	·700	·705	·716	·730	·742	·749	·750	·759	·765	·768	·775
16	·839	·835	·838	·839	·836	·836	·835	·832	·820	·825	·830	·830	·831
17	·825	·833	·827	·823	·823	·820	·835	·843	·844	·847	·850	·845	·837
18	·870	·875	·870	·870	·872	·871	·879	·880	·872	·866	·864	·852	·845
19	·798	·785	·775	·772	·769	·769	·759	·750	·739	·730	·718	·696	·684
20	·587	·574	·562	·558	·559	·554	·544	·546	·538	·539	·551	·534	·519
21	·399	·379	·358	·347	·332	·329	·327	·305	·299	·298	·292	·290	·282
22	·396	·404	·402	·402	·408	·419	·429	·441	·439	·452	·464	·466	·459
23	·423	·414	·405	·400	·399	·407	·412	·408	·398	·400	·392	·397	·396
24	·412	·396	·388	·387	·402	·399	·394	·405	·406	·411	·422	·419	·424
25	·530	·528	·531	·535	·545	·546	·547	·547	·550	·540	·537	·536	·532
26	·367	·354	·332	·307	·287	·271	·262	·251	·244	·239	·235	·246	·242
27	·253	·259	·255	·257	·268	·270	·274	·281	·284	·247	·281	·283	·284
28	·232	·229	·218	·217	·216	·212	·214	·224	·215	·213	·226	·223	·209
29	·256	·266	·268	·264	·282	·294	·303	·312	·314	·327	·304	·345	·350
30	·454	·451	·449	·451	·466	·474	·484	·494	·508	·524	·543	·544	·559
31	29·609	29·607	29·594	29·596	29·593	29·606	29·590	29·597	29·584	29·574	29·558	29·540	29·528

DRY BULB THERMOMETER 7 FEET ABOVE GROUND

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	57·1	57·0	57·0	57·1	57·1	57·4	58·3	60·7	62·5	61·7	62·7	59·3	59·3	60·8	60·7	61·4	61·8	61·6	61·4	60·9	60·6	59·6	58·0	58·3
2	58·4	56·7	55·4	56·3	57·6	60·0	61·4	62·5	63·2	62·9	61·0	61·8	61·1	70·4	69·1	69·1	67·1	63·7	61·5	59·6	58·4	58·2	57·8	
3	57·9	57·0	56·4	56·4	56·1	58·7	60·6	61·3	63·6	63·7	64·1	65·0	64·9	66·1	63·2	63·4	58·0	60·2	60·1	59·7	57·8	56·4	55·7	54·4
4	54·9	55·1	54·6	53·1	53·5	55·5	56·5	59·1	60·8	60·7	62·6	62·8	63·2	63·5	63·0	61·8	61·6	59·1	58·4	57·0	56·8	55·5	53·7	53·9
5	54·6	54·8	54·5	54·1	53·9	54·3	54·4	55·3	56·2	56·8	56·7	56·3	57·1	57·5	58·7	59·7	58·9	58·7	56·8	56·1	54·8	53·5	53·9	53·7
6	52·5	52·2	50·6	50·7	49·3	51·6	54·9	56·7	57·5	57·6	59·1	61·2	63·2	63·7	63·2	62·8	60·8	60·8	59·4	56·2	53·3	51·0	49·3	47·5
7	47·1	45·6	43·4	42·6	43·9	46·9	52·3	56·2	61·5	64·1	66·3	65·9	68·2	65·9	69·0	69·5	68·3	67·7	64·5	63·1	61·3	61·1	61·5	60·9
8	59·8	60·1	59·3	58·0	57·5	58·5	62·6	63·0	64·2	66·0	66·0	66·8	67·3	67·3	67·0	67·1	69·2	67·8	67·2	66·7	61·0	58·6	56·8	56·5
9	55·9	53·1	53·4	51·9	52·7	57·5	59·0	61·6	64·8	65·8	65·3	66·9	69·7	70·1	68·4	69·0	69·0	66·6	65·4	63·6	60·3	58·8	58·4	56·5
10	55·5	53·9	54·3	52·2	52·6	56·5	61·3	64·5	66·5	70·7	70·9	72·6	74·2	75·0	75·1	71·9	70·8	71·8	70·3	64·6	62·2	61·3	59·5	58·5
11	57·4	57·1	56·9	56·1	56·0	56·8	59·6	61·4	65·2	66·5	65·9	63·4	66·5	69·0	65·1	63·3	64·1	60·5	60·3	58·7	56·9	56·0	55·2	55·3
12	55·0	55·8	55·9	55·4	56·6	57·4	61·6	60·7	62·9	65·6	66·8	66·9	67·9	69·8	69·6	70·9	69·3	66·4	66·1	62·7	60·6	59·8	57·8	57·1
13	57·2	56·1	56·6	56·6	55·4	56·1	56·9	58·2	59·8	63·0	64·9	64·2	68·9	69·0	70·6	70·6	68·6	68·1	67·7	65·8	64·7	63·5	63·4	63·2
14	62·9	62·5	62·5	62·7	62·8	62·5	62·4	62·4	63·4	65·5	66·9	66·1	66·0	64·9	64·8	64·4	67·9	66·1	66·1	65·7	63·3	60·1	59·3	57·6	56·0
15	55·1	54·7	54·3	56·6	56·2	54·1	60·8	54·2	65·9	65·8	66·9	64·7	66·6	70·2	70·7	70·8	69·9	69·4	68·7	65·2	62·4	60·7	59·6	58·1
16	55·1	55·3	55·2	52·9	55·1	57·2	60·5	64·3	69·1	71·0	70·2	68·1	66·6	66·8	64·4	69·8	69·9	69·7	68·3	67·3	65·7	65·1	63·4	61·5
17	60·3	59·5	57·7	57·8	59·0	60·4	63·9	66·1	69·7	71·6	73·2	74·8	75·2	76·9	77·4	77·7	77·1	76·7	74·4	71·4	69·1	67·8	66·4	65·6
18	64·5	63·2	59·7	58·3	58·8	60·3	63·7	67·6	72·3	75·8	77·9	78·4	78·7	79·5	79·6	79·6	79·0	78·2	75·1	71·8	66·1	63·3	59·5	56·9
19	53·4	52·1	51·3	51·0	52·1	54·1	58·2	60·7	62·7	66·8	71·3	75·3	78·3	78·8	79·7	80·6	79·9	79·4	74·7	69·9	66·0	64·2	63·1	61·8
20	59·9	58·3	58·3	56·6	57·3	58·5	63·2	63·8	64·1	65·9	67·1	68·9	68·0	68·6	67·1	66·0	65·1	65·0	64·6	62·0	59·7	58·6	56·4	57·1
21	56·9	56·4	55·8	55·6	55·5	56·4	56·5	57·2	61·3	63·6	65·6	65·3	66·7	64·1	63·9	64·1	62·6	61·6	60·3	58·7	58·2	57·6	56·2	55·7
22	55·5	55·6	55·4	55·9	56·1	56·5	57·5	58·3	59·9	60·3	61·2	61·7	62·2	62·0	61·9	62·1	62·2	63·7	62·7	58·8	57·7	57·4	56·1	56·7
23	57·1	56·0	55·5	55·4	54·3	55·7	54·7	58·9	62·8	60·3	62·1	63·3	62·3	63·1	62·6	62·4	62·2	60·1	59·1	57·3	54·3	52·7	51·9	51·5
24	52·8	52·4	49·8	50·5	50·2	50·9	51·2	52·8	55·3	58·1	60·1	63·6	60·5	60·1	62·0	61·0	58·9	57·3	58·6	55·3	54·1	54·0	52·3	51·5
25	50·1	49·2	50·0	49·7	49·2	51·9	54·2	59·0	62·2	62·4	63·3	64·2	65·3	65·3	65·5	65·1	66·2	65·1	63·9	61·6	60·6	60·2	58·9	58·5
26	58·2	57·1	55·7	55·7	54·7	54·3	54·7	55·0	55·7	57·2	61·6	61·9	63·6	63·9	63·7	63·9	62·5	61·8	58·5	57·9	56·7	56·3	54·9	56·1
27	55·1	54·1	54·6	52·9	53·5	53·4	56·8	58·2	61·9	61·1	61·5	63·0	58·2	64·1	65·5	66·7	59·3	62·0	61·5	59·9	58·7	58·2	58·3	58·0
28	56·7	56·6	55·6	54·5	55·1	56·0	56·7	56·9	60·2	61·2	59·0	60·7	62·9	63·2	62·5	63·0	61·9	59·9	59·9	57·3	56·9	56·7	54·7	53·8
29	51·7	51·6	51·1	48·7	49·0	51·5	54·5	58·9	63·7	63·7	64·5	65·5	65·7	65·7	65·7	65·7	64·7	64·0	63·6	59·9	56·3	55·1	55·0	54·7
30	55·1	55·2	53·1	53·0	54·9	56·8	58·5	60·7	61·1	62·9	63·1	62·9	63·3	63·3	63·5	63·3	62·8	62·8	62·3	59·3	59·3	58·2	56·0	55·8
31	55·4	55·4	55·9	56·0	56·3	56·7	59·6	61·2	62·1	61·9	62·7	62·0	60·5	62·2	60·5	61·0	59·9	60·6	59·7	58·7	58·9	58·3	58·9	59·0

HOURLY VALUES *July* 1874

CISTERN 361 FEET ABOVE MEAN SEA LEVEL

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
.492	29.471	29.470	29.478	29.473	29.478	29.496	29.495	29.501	29.509	29.504	1
.341	.332	.319	.321	.325	.329	.349	.359	.367	.370	.363	2
.412	.415	.422	.423	.424	.433	.440	.446	.457	.456	.464	3
.518	.518	.527	.528	.540	.549	.572	.582	.594	6.04	.515	4
.774	.784	.786	.796	.810	.830	850	862	.871	.882	.884	5
.878	.864	.856	.850	.841	.842	.844	.842	841	.838	.836	6
.708	.694	.677	.664	.663	.051	.646	.648	.650	.637	.633	7
.701	.709	.704	.700	.711	.722	.727	.734	.730	.735	.735	8
.747	.751	.756	.759	.772	.782	.789	.794	.794	.792	.788	9
.728	.707	.701	.697	.705	.710	.713	.715	.712	.713	.704	10
.641	.642	.631	.621	.623	.627	.635	.639	.631	.627	.628	11
.642	.640	.639	.643	.658	.670	.681	.689	.694	.700	.696	12
.686	.679	.666	.663	.668	.664	.667	.662	.655	.645	.636	13
.626	.630	.629	.641	.640	.644	.655	.658	.673	.684	.685	14
.778	.782	.783	.783	.788	.794	.802	806	.820	.829	.834	15
.822	.812	.800	.791	.789	.798	.805	.821	.825	.830	.830	16
.839	.833	.824	.821	.810	.820	.832	.843	.848	.858	.862	17
.839	.824	.812	.802	.799	.797	.798	.804	.814	.807	.807	18
.663	.648	.634	.619	.617	.615	.614	.612	.611	.602	.603	19
.515	.501	.492	.476	.475	.465	.463	.458	.445	.436	.422	20
.292	.296	.311	.312	.323	.337	.355	.366	.377	.387	.398	21
.454	.439	.433	.430	.424	.431	.436	.441	.441	.435	.424	22
.390	.398	.399	.397	.409	.407	.415	.422	.421	.421	.421	23
.432	.430	.424	.446	.468	.473	.502	.504	.515	.523	.531	24
.521	.499	.485	.473	.467	.448	.435	.428	.407	.401	.380	25
.240	.234	.228	.231	.227	.242	.244	.247	.247	.250	.253	26
.276	.264	.261	.276	.261	.255	.257	.255	.249	.245	.241	27
.213	.213	.207	.215	.223	.220	.236	.243	.253	.250	.253	28
.862	.873	.867	.878	.893	.907	.921	.937	.945	.954	.953	29
.561	.570	.569	.574	.576	.581	.583	.595	.600	.610	.601	30
.503	29.484	29.476	29.459	29.453	29.443	29.435	29.425	29.418	29.408	29.410	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
56.4	56.7	56.4	56.3	56.3	56.5	57.6	57.4	56.3	57.4	57.5	57.8	59.3	59.9	59.9	60.1	60.1	59.9	59.5	59.4	57.6	56.4	56.1	1
54.9	54.4	55.0	56.1	57.5	59.6	60.1	60.4	62.2	62.7	63.0	63.1	61.0	60.5	60.9	60.9	60.8	60.7	60.4	57.3	56.1	55.5	54.6	2
54.7	54.3	54.3	54.0	55.5	55.5	55.9	56.3	56.7	56.5	56.6	57.3	57.0	57.0	55.8	55.5	55.2	53.1	53.6	53.1	51.5	51.6	51.9	3
52.5	52.2	51.9	52.3	53.1	53.4	53.5	53.6	52.7	55.2	54.3	54.0	53.4	54.6	53.1	54.2	52.5	52.0	52.4	52.7	51.9	51.8	52.2	4
51.4	51.2	51.1	51.4	51.2	51.6	52.1	52.4	53.0	53.0	53.4	54.1	53.1	53.5	52.8	53.1	52.4	52.6	52.3	52.4	51.1	51.4	50.9	5
48.9	48.4	47.7	47.4	49.5	51.2	51.5	52.5	52.3	52.1	53.4	54.3	52.9	54.1	53.9	51.5	51.5	51.5	52.1	51.4	48.7	47.6	46.6	6
43.7	41.9	41.1	42.1	44.1	48.3	50.8	52.6	55.6	55.8	54.5	56.6	57.2	58.6	58.3	57.5	58.6	57.7	57.4	55.8	55.5	54.6	54.5	7
54.0	53.7	53.6	54.4	55.1	56.5	56.5	57.4	58.5	58.3	59.5	59.6	59.7	60.7	61.2	61.2	60.9	60.9	60.3	57.4	56.1	54.9	54.8	8
51.9	52.4	50.6	51.5	55.3	56.4	58.6	60.4	60.4	60.4	60.5	62.1	61.9	61.4	61.8	61.8	60.9	59.6	50.5	57.3	56.5	56.4	54.7	9
52.7	52.7	51.1	51.4	54.1	57.9	60.5	62.2	64.5	64.5	65.6	66.7	66.6	66.6	66.5	64.9	63.9	63.8	61.1	59.5	58.7	57.7	56.9	10
55.7	55.4	54.8	54.6	55.4	57.0	57.8	59.3	59.7	58.7	58.8	59.0	59.1	57.1	57.1	57.0	54.9	54.6	54.6	53.7	53.6	53.3	53.4	11
54.5	54.5	53.6	54.7	55.4	57.9	57.4	58.1	59.1	59.8	59.4	59.6	60.1	60.7	60.9	60.6	59.4	59.2	57.4	56.6	57.2	56.2	56.6	12
54.8	55.1	55.4	55.0	55.4	56.1	57.2	58.2	60.3	61.7	62.6	63.4	63.8	64.5	64.7	63.7	63.1	62.9	62.5	61.6	60.8	61.4	61.5	13
53.1	53.2	55.7	55.3	57.9	58.9	60.4	61.1	59.5	58.4	58.8	60.1	60.6	60.0	60.7	59.4	59.0	59.7	58.6	57.9	57.6	56.9	56.0	15
55.1	54.9	54.7	55.4	56.4	58.6	60.1	62.2	62.9	63.7	65.2	66.2	66.7	66.1	65.1	65.0	64.5	64.8	62.9	59.9	59.5	58.7	58.5	16
58.4	60.8	60.3	59.5	59.4	59.5	62.5	64.6	65.8	66.2	67.5	66.1	65.5	65.1	65.0	64.5	64.8	62.9	59.9	55.9	54.2	51.7	49.8	17
49.6	50.0	49.7	50.7	52.2	54.9	56.5	59.8	60.9	63.7	65.3	63.6	63.0	64.3	63.5	65.1	65.9	66.7	63.2	60.4	60.2	58.8	57.7	18
56.3	56.3	56.0	55.1	55.5	60.5	61.5	61.4	61.5	61.4	62.5	60.5	60.5	59.6	59.0	57.9	58.1	56.6	55.4	54.8	54.8	54.9	54.0	54.6	20
54.5	54.1	53.6	53.9	54.3	55.2	56.2	58.6	59.0	60.6	59.6	60.3	60.8	59.9	58.5	58.3	57.7	57.3	56.3	56.0	55.2	54.5	54.0	21
52.8	52.7	53.0	52.8	54.0	55.0	56.1	55.4	55.3	55.3	55.0	56.0	57.0	56.9	56.3	57.0	57.3	56.6	55.2	55.4	54.6	54.2	54.8	22
54.8	54.2	54.1	53.2	54.5	53.3	56.7	56.6	56.0	55.6	56.7	55.5	56.4	55.6	55.5	55.4	54.4	54.5	53.7	52.3	51.1	50.4	49.9	23
50.7	48.8	49.6	49.5	50.3	50.1	51.5	52.9	53.9	56.5	54.2	56.2	56.2	57.5	55.4	54.0	54.0	53.8	52.8	52.7	51.3	50.5		24
48.4	49.0	48.8	48.0	50.6	52.2	56.5	57.5	56.6	56.4	56.9	57.0	56.9	56.8	57.5	57.9	57.5	58.0	57.0	55.7	55.6	55.3		25
54.7	53.9	52.8	52.9	52.8	53.1	53.6	54.6	56.1	56.9	56.8	57.3	56.6	56.9	56.0	56.5	56.0	56.2	56.0	55.3	54.0	53.4	53.7	26
52.2	52.6	51.3	51.7	51.9	54.1	54.9	56.1	55.7	55.6	56.9	54.7	57.0	56.8	57.5	54.9	55.8	55.5	55.3	54.5	54.6	53.9	53.6	27
53.6	53.0	52.5	52.8	53.7	54.4	54.6	55.7	55.7	56.1	55.6	57.5	56.0	57.8	56.3	56.7	54.2	55.1	54.0	53.9	52.7	52.3		28
50.5	50.3	47.9	48.1	49.8	52.5	56.1	57.3	56.9	57.6	57.5	57.6	57.6	57.9	57.7	56.7	56.2	56.6	55.9	53.9	53.1	53.4	53.1	29
53.3	51.7	51.8	53.9	53.7	57.1	57.3	55.6	56.5	55.3	54.7	54.7	54.9	55.5	55.5	55.5	56.5	56.2	55.8	56.3	55.5	54.1	54.2	30
54.4	54.7	54.6	55.0	55.2	56.6	56.4	57.5	57.0	58.6	57.5	58.1	58.1	59.3	59.0	58.6	58.3	58.9	58.1	57.8	57.8	58.4	58.4	31

Meteorological Office,
116 Victoria Street Westminster. S W.
ROBERT H. SCOTT, Director.

STONYHURST OBSERVATORY LAT 53°51'N LONG 2°28'W.

WIND

DIRECTION IN NUMBERS { 8-E, 24-W / 16-S, 32-N }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	20	11	20	13	21	15	20	15	20	15	21	14	21	15	20	16	20	15	19	12	18	13	17	11	16	11
2	20	9 5	19	6 5	16	7 5	16	6 5	16	4	14	7 5	12	14	15	15	14	11	16	17	16	20	17	21	16	20
3	17	14	17	14	18	12	16	16	16	20	14	14	18	17	18	23	18	24	18	26	19	26	20	25	17	25
4	18	17	18		18	18	19	12	7	14	17	17	18	20	19	28	20	24	21	26	2	27	20	26	21	28
5	20	12	21	12	21	16	-	10	21	17	21	18	21	19	21	20	21	22	21	21	22	22	22	21	22	21
6	24	6 5	25	6 5	25	4 5	21	2	27	2	27	1 5	27	4	16	4	20	4	20	4	21	8 5	21	6 5	23	10 5
7	25	4	25	3	27	3	2	4 5	31	4	1	5 5	2	4 5	2	4	3	4	8	4	19	7 5	16	12	17	14 5
8	15	7 5	20	7 5	19	5 5	19	4 5	19	4	22	6 5	20	10 5	21	9 5	2	8 5	20	7 5	20	11	21	12	22	10 5
9	24	1 5	29	4	29	3	29	4	29	2	29	2	29	1 5	20	4	21	8 5	22	9 5	23	10 5	21	9 5	21	9 5
10	27	2	27	3	28	2	28	1 5	29	1	-	3	10	3	10	3	13	4	17	5 5	20	5 5	21	5 5	22	7 5
11	21	3	21	3	21	3	21	2	21	2	21	2	19	4	18	5 5	21	6 5	19	7 5	22	11	21	11	21	9
12	22	4	22	6 5	22	7 5	23	8 5	22	7 5	20	6 5	21	7 5	22	5 5	21	4	13	4	13	4 5	6	4	8	3
13	6	5 5	2	5 5	2	4	3	3	3	4 5	2	4	2	5 5	2	4	2	3	2	2	4	3	4	2	22	4
14	28	5	18	4	18	2	18	5 5	18	9 5	21	12	21	7 5	20	6 5	19	7 5	21	10 5	21	12	22	13	23	14
15	24	4 5	24	4	24	4	24	4	20	4	20	4	22	5 5	23	7 5	23	6 5	26	7 5	26	7 5	25	7 5	25	9 5
16	30	4	30	4 5	31	4	31	5 5	31	5 5	1	7 5	2	6 5	2	4 5	4	4	3	4	9	4 5	9	8 5	8	6 5
17	1	6 5	1	5 5	2	5 5	2	4 5	1	4 5	1	2	1	2	1	4	18	5 5	20	5 5	18	4	21	6 5	22	6 5
18	10	3	6	4	5	5	2	5 5	2	4 5	2	6 5	2	4 5	2	4	2	4	9	4	12	5 5	9	6 5	9	12
19	3	5 5	2	11	2	10 5	2	9 5	2	9 5	2	11	3	9 5	3	8 5	1	10 5	3	7 5	3	5 5	10	4	17	6 5
20	27	1 5	26	4	25	1 5	25	2	24	4 5	23	2	18	6 5	20	7 5	22	7 5	23	10 5	23	10 5	21	12	22	14
21	24	2	24	1 5	24	3	25	3	27	2	27	2	16	4 5	16	4	16	3	17	8 5	21	8 5	20	15	22	19
22	33	9 5	23	10 5	23	12	22	11	22	10 5	22	10 5	22	12	22	17	21	18	21	18	22	18	22	17	21	16
23	22	4	22	3	22	3	22	4	20	3	20	4 5	22	2	19	4	20	8 5	20	6 5	22	11	20	12	22	12
24	22	4 5	22	4 5	22	4	26	4 5	29	4 5	24	4 5	19	2	19	2	19	3	22	8 5	20	11	21	9 5	21	9 5
25	21	-	25	3	29	4	29	3	20	2	29	2	29	2	20	5 5	22	10 5	22	11	22	10 5	22	11	21	13
26	19	5 5	14	5 5	17	4	14	9 5	12	14	12	10 5	14	11	14	15	16	9 5	18	10 5	22	5	22	15	22	4
27	18	7 5	18	6 5	17	4 5	19	3	21	4 5	17	4	17	4	18	8 5	17	10 5	20	8 5	18	8 5	14	11	19	9 5
28	11	5 5	13	6 5	13	2	13	3	12	4	13	7 5	12	4	14	7 5	14	9 5	17	6 5	17	4	16	4 5	23	4 5
29	3	2	3	3	3	2	3	3	3	2	3	2	3	2	5	4	23	8 5	25	11	23	12	23	14	23	15
30	23	5 5	23	6 5	23	4 5	23	5 5	22	7 5	20	6 5	20	10 5	24	13	23	16	23	20	22	20	22	17	22	19
31	20	6 5	20	5 5	20	4	20	4	20	6 5	20	5 5	19	10 5	19	11	19	13	19	13	20	11	21	15	19	14

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET. / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET. }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1																								
2	-	-	-	-	-	-	-	-	-	-	-	·023	·015	·020	·042	·019	·020	·003	·008	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·198	·005	-	-	-	-
4	·031	-	·033	·037	·042	-	-	-	-	-	-	-	-	-	·003	-	·114	-	-	-	-	·001	-	·031
5	-	-	-	-	-	-	·031	·003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·024	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	·062	·065	·068
13	·026	·004	·001	·028	·009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	·025	·003	·001	·081	·155	·002	·003	·001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	·003	·221	·023	-	-	-	-	-	·056	-	-	-	·001	·010	·021	·014	-	-	-
22	-	-	-	-	-	·015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	·018	·019	·001	·031	·010	·080	·053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	·005	·045	·156	·126	·038	-	-	-	-	-	-	-	-	·029	·042	·028	-	-	-	-	-	-
25	·001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26		·012	·010	·004	·004	·001	-	-	-	·014	·010	-	-	-	-	-	-	-	·042	-	-	-	-	-
27	-				·004	·002							·093	-	-	-	-	-	-	-	-	-	-	·006
28	·031	-	-	-	·010	-	-	-	-	-	·020	-	-	·006	-	-	-	-	·009	-	-	-	-	-
29	-	-	-	-	·002	·002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-			-		·010	·028	·060	·024	·001	·093	·056	·052	·120	·015	·022

HOURLY VALUES *July* 1874

AND VELOCITY IN MILES PER HOUR

	3		4		5		6		7		8		9		10		11		MIDT.		DAYS
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
15	17	11	18	13	18	12	18	10·5	18	8·5	18	9·5	17	8·5		11	17	10·5	17	10·5	1
19	17	18	16	19	17	25	17	20	20	11	20	10·5	20	9·5	19	8·5	18	10·5	18	14	2
25	18	21	19	24	19	20	20	21	19	17	19	15	18	18	18	16	18	15	18	17	3
24	21	26	20	26	21	29	21	25	21	21	20	20	19	11	19	12	19	9·5	19	7·5	4
18	22	17	23	20	24	18	23	17	24	11	23	10·5	23	5·5	23	5	23	5·5	24	5·5	5
8·5	24	11	25	11	25	8·5	24	9·5	24	2	24	3	24	4·5	25	3	25	1·5	25	2	6
7·5	20	7·5	23	4·5	18	4	16	2	16	3	16	1·5	15	2	16	3	15	4	11	7·5	7
9·5	21	7·5	18	7·5	23	13	24	10·5	22	5·5	22	3	24	3	24	2	24	2	24	3	8
10·5	24	11	25	10·5	23	12	25	10·5	25	5·5	25	2	25	2	26	2	24	3	24	4	9
9·5	20	12	22	11	22	8·5	23	10·5	20	6·5	21	5·5	21	3	21	4	21	4	21	2	10
12	21	13	22	13	22	13	22	14	22	9·5	22	6·5	22	6·5	22	4	22	3	22	5·5	11
4	20	5·5	22	6·5	22	8·5	4	6·5	5	6·5	4	4·5	5	5·5	8	6·5	4	5·5	6	4	12
3	20	4	22	4·5	25	5·5	25	4	25	2	25	1·5	25	3	28	1·5	28	2	28	5	13
18	23	18	23	15	23	15	22	11	23	9·5	24	7·5	24	5·5	24	3	24	3	24	2	14
11	24	11	24	9·5	26	10·5	29	7·5	29	4	29	4·5	30	4·5	30	3	30	3	30	2	15
7·5	6	7·5	5	5·5	9	8·5	8	5·5	8	4	7	5·5	7	7·5	6	5·5	2	4	2	7·5	16
4·5	20	4·5	18	8	18	3	18	1·5	18	3	1	4·5	1	3	1	3	1	3	1	3	17
11	19	12	9	12	10	13	10	8·5	7	7·5	8	10·5	4	5·5	4	4	5	6·5	2	8·5	18
7·5	15	6·5	20	5·5	22	4·5	22	4	22	3	22	4	22	4	22	3	22	4	24	3	19
14	24	14	24	9·5	25	10·5	23	9·5	23	7·5	24	5·5	24	5·5	24	2	24	2	24	2	20
15	22	23	22	20	22	21	23	16	23	14	22	17	22	15	22	15	21	9·5	21	8·5	21
11	22	15	21	14	22	11	22	9·5	23	8·5	23	4·5	23	4	24	5·5	24	4·5	24	5·5	22
20	22	19	23	16	22	15	22	15	23	11	22	6·5	22	11	22	4·5	22	4	23	4·5	23
5·5	11	4·5	24	10·5	25	12	24	4	24	3	24	2	24	2	24	3	24	1·5	24	4	24
11	22	12	22	10·5	22	8·5	23	4·5	23	2	23	1·5	23	2	23	2	23	1·5	23	3	25
15	21	13	21	14	21	12	22	10·5	20	7·5	20	4	20	4·5	20	4·5	20	4	20	6·5	26
4·5	16	8·5	19	8·5	20	10·5	16	2	16	2	16	3	16	3	16	3	10	4·5	9	6·5	27
4	16	4·5	25	8·5	1	8·5	3	7·5	2	4·5	3	4	3	4	3	3	3	3	3	3	28
15	23	15	22	16	22	17	22	13	23	9·5	23	6·5	23	4	23	5·5	23	4·5	22	5·5	29
16	22	17	22	16	21	16	20	13	22	12	22	8·5	21	7·5	20	8·5	20	7·5	20	7·5	30
14	19	14	21	22	20	16	20	16	19	13	18	12	19	10·5	20	17	20	21	21	21	31

Meteorological Office,
116 Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Director.

KEW OBSERVATORY LAT 51°28' N LONG 0°19' W.

BAROMETER

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29·963	29·958	29·962	29·970	29·974	29·982	29·990	30·000	29·992	30·002	30·017	30·021	30·01
2	·971	·954	·929	·907	·895	·883	·880	29·867	·841	29·845	29·838	29·823	29·83
3	29·894	29·908	29·924	29·929	29·936	29·948	29·962	29·970	29·974	29·988	29·996	29·994	29·99
4	30·031	30·026	30·026	30·027	30·026	30·032	30·040	30·045	30·044	30·046	30·047	30·060	30·04
5	·141	·140	·149	·154	·156	·165	·174	·183	·184	·185	·193	·191	·19
6	·262	·253	·253	·261	·267	·271	·279	·283	·275	·266	·256	·245	·23
7	·173	·170	·146	·146	·146	·141	·146	·142	·136	·131	·122	·105	·08
8	·054	·056	·050	·046	·046	·057	·059	·063	·062	·060	·067	·063	·07
9	·116	·104	·104	·101	·104	·111	·116	·113	·112	·106	·101	·093	·08
10	·097	30·085	30·079	30·076	30·071	30·085	30·095	30·093	30·097	30·093	30·091	30·078	30·06
11	30·003	29·975	29·977	29·989	29·999	29·999	29·997	29·989	29·982	29·978	29·973	29·955	29·94
12	29·950	29·950	29·948	29·953	29·955	29·970	29·978	29·990	29·990	29·994	29·997	29·994	29·99
13	30·046	30·046	30·050	30·060	30·068	30·077	30·090	30·097	30·100	30·102	30·099	30·095	30·08
14	·062	·057	·053	·046	·042	·043	·043	·041	·037	·025	·017	·004	29·99
15	·033	·040	·043	·053	·063	·081	·092	·096	·099	·099	·102	·106	30·10
16	·171	·169	·171	·173	·176	·183	·178	·178	·176	·178	·178	·180	·17
17	·202	·199	·201	·209	·222	·230	·229	·231	·225	·233	·225	·220	·2
18	·240	·234	·232	·237	·241	·247	·247	·242	·234	·232	·226	·208	·19
19	30·145	30·129	30·121	30·107	30·105	30·103	30·104	30·099	30·091	30·081	30·059	30·048	30·01
20	29·955	29·928	29·916	29·913	29·900	29·899	29·895	29·888	29·879	29·870	29·864	29·851	29·84
21	·797	·782	·784	·788	·781	·779	·774	·763	·756	·752	·748	·750	·74
22	·874	·874	·875	·878	·882	·894	·900	·903	·900	·901	·902	·905	·90
23	·842	·826	·819	·824	·823	·827	·830	·827	·822	·818	·808	·807	·79
24	·830	·826	·818	·816	·817	·822	·814	·807	·798	·783	·789	·771	·77
25	·850	·848	·856	·872	·886	·902	·916	·914	·912	·906	·903	·900	·8
26	·814	·814	·796	·780	·758	·738	·729	·707	·688	·677	·675	·669	·66
27	·707	·712	·710	·711	·719	·719	·721	·724	·723	·722	·720	·721	·71
28	·676	·665	·653	·642	·636	·633	·630	·617	·611	·618	·631	·624	·61
29	·616	·614	·622	·630	·636	·641	·651	·667	·675	·677	·684	·692	·70
30	29·843	29·862	29·871	29·883	29·900	29·912	29·923	29·931	29·928	29·929	29·930	29·931	29·9
31	30·040	30·040	30·038	30·042	30·042	30·043	30·051	30·050	30·048	30·030	30·028	30·015	30·00

DRY BULB THERMOMETER 10 FEET ABOVE GROUND

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	60·8	60·7	60·6	60·1	60·6	61·0	60·9	61·1	60·7	60·5	60·4	60·5	62·0	63·6	64·1	66·6	67·5	66·1	65·8	63·3	60·1	57·7	55·2	55·2
2	54·1	53·7	53·7	55·4	59·0	61·2	65·0	67·8	74·1	73·2	75·0	79·5	77·0	77·0	75·9	76·4	74·2	72·3	71·2	67·4	66·3	64·3	63·7	63·3
3	61·8	60·0	59·2	59·7	60·2	61·3	62·5	63·8	64·9	65·8	66·0	68·0	68·9	69·0	68·1	67·0	67·0	67·4	65·9	62·4	60·2	58·6	58·1	57·8
4	57·5	57·5	57·1	56·8	58·2	60·0	60·9	62·0	63·4	64·9	65·9	62·4	65·0	65·7	61·6	66·0	64·8	64·3	62·5	57·5	57·0	56·6	55·0	54·3
5	53·2	52·6	51·7	51·5	52·3	54·4	56·9	59·6	61·6	62·6	63·4	64·6	65·5	66·9	66·8	57·5	67·2	65·8	65·5	63·7	61·8	60·2	57·4	55·5
6	53·2	50·3	49·5	49·6	51·3	54·8	58·5	61·3	63·1	64·0	65·5	66·0	67·3	68·6	69·5	68·3	67·8	66·0	65·1	64·3	60·1	57·8	55·8	54·8
7	53·7	52·5	51·1	50·9	51·0	55·2	59·6	62·7	65·0	66·9	69·0	69·2	70·1	73·3	73·1	73·7	72·4	70·3	67·2	63·3	60·7	58·1	56·9	55·9
8	54·2	53·0	51·5	50·1	51·8	54·0	59·2	63·3	66·4	69·7	72·0	73·7	75·6	75·5	79·4	80·5	80·0	79·4	77·2	72·7	68·8	65·1	63·7	60·0
9	58·8	57·0	55·3	53·9	56·3	59·3	63·1	67·3	71·4	74·0	76·4	78·6	80·5	82·9	84·2	85·0	85·4	85·1	83·1	79·6	72·3	70·0	68·6	67·3
10	65·4	65·7	64·9	63·8	64·3	67·2	69·2	70·0	72·1	75·3	77·2	77·5	*	81·2	*	84·0	*	78·0	76·2	73·6	72·8	69·4	68·7	68·0
11	67·0	66·9	66·0	65·8	65·9	65·5	68·1	70·0	71·3	72·3	73·8	75·6	75·2	76·7	77·0	75·8	69·1	68·2	67·5	65·8	65·5	64·8	63·2	62·3
12	61·6	61·3	61·5	61·4	61·3	62·0	61·2	62·8	66·0	67·6	70·1	71·0	73·0	74·8	76·2	76·2	76·7	77·9	73·2	70·4	68·2	66·1	64·0	62·0
13	62·3	61·2	60·0	59·9	60·2	61·2	62·7	63·9	65·9	68·0	70·0	72·3	72·3	73·0	74·4	74·7	77·2	76·2	74·6	69·7	67·0	64·9	63·4	62·1
14	60·8	60·4	60·3	59·3	59·8	61·3	62·3	64·8	67·4	70·4	73·5	74·5	77·8	78·8	79·0	81·0	81·3	78·7	76·9	75·5	71·3	68·9	66·2	65·8
15	63·3	61·8	59·9	58·5	59·3	61·0	65·3	66·8	69·3	70·5	72·5	73·0	75·1	76·4	78·1	77·6	75·4	76·5	69·3	66·1	64·1	62·7	61·8	61·1
16	59·3	58·3	57·2	56·8	57·1	59·1	63·7	65·9	67·3	69·3	71·1	72·5	72·9	73·0	73·5	71·2	69·9	69·3	67·0	63·2	61·3	59·7	59·0	58·3
17	57·1	55·4	54·9	54·2	53·4	57·3	60·5	61·7	64·0	66·1	68·4	70·5	72·1	73·0	74·4	74·4	72·4	70·9	67·8	64·1	60·4	58·1	56·3	55·3
18	54·6	52·8	51·8	50·6	51·2	53·4	57·3	60·2	63·2	65·4	68·6	71·0	73·9	74·0	74·8	74·5	74·0	71·9	69·7	63·8	60·5	59·0	58·6	57·7
19	57·3	55·1	55·3	55·3	55·4	56·7	58·7	59·9	62·0	65·5	71·0	74·7	79·9	83·0	85·3	83·4	81·9	81·4	77·5	73·7	70·1	68·3	65·8	63·8
20	61·3	59·7	57·9	57·7	57·3	60·2	64·0	68·2	71·5	76·1	79·4	81·1	81·6	83·6	84·3	84·0	82·7	79·3	76·7	73·2	70·0	67·2	65·8	64·8
21	64·6	63·0	61·3	59·8	59·5	61·5	63·5	65·4	67·3	68·0	70·4	69·5	68·9	72·0	71·4	70·2	70·4	68·8	67·3	64·3	62·7	60·7	59·6	58·3
22	57·2	55·9	54·7	54·0	54·7	57·0	60·3	61·6	63·9	65·0	65·6	64·9	63·9	63·0	65·0	67·6	67·0	64·1	63·4	62·4	60·8	60·5	60·0	59·5
23	59·0	58·8	58·7	58·1	58·0	58·0	59·9	62·4	63·6	66·5	68·2	63·7	70·0	69·8	72·3	72·8	71·0	70·1	66·7	62·9	61·2	59·9	57·5	55·5
24	54·6	53·5	52·5	51·9	53·6	54·3	57·7	59·7	62·2	65·5	61·1	64·9	64·3	58·7	59·8	60·6	66·1	66·0	64·0	60·5	58·4	56·6	55·0	53·2
25	52·1	50·0	49·1	47·8	49·1	51·5	54·4	57·7	62·0	65·2	66·9	67·8	70·3	69·6	73·0	73·2	71·0	67·5	65·1	63·8	62·7	62·2	61·3	60·6
26	60·5	60·0	58·6	57·3	56·1	56·6	56·7	57·3	59·2	60·4	63·5	66·2	70·0	69·0	71·0	71·3	69·8	68·7	67·0	63·1	61·8	60·9	60·3	60·0
27	59·2	58·5	57·8	57·1	57·8	58·5	60·3	61·0	61·8	61·9	63·7	64·1	64·3	65·9	66·7	64·8	66·5	65·3	63·9	62·0	61·0	58·4	57·3	56·7
28	54·9	53·7	54·4	55·3	58·8	58·1	58·3	62·5	63·5	59·0	58·0	60·7	63·2	63·8	64·3	64·5	65·7	66·9	64·0	60·2	57·4	56·6	54·8	53·5
29	52·0	51·6	49·7	49·0	50·1	50·6	52·2	54·9	60·3	63·8	65·6	66·5	63·8	66·6	68·7	66·3	69·5	69·5	66·7	64·0	59·0	58·0	57·0	56·0
30	53·9	53·5	53·4	52·4	52·7	53·2	55·7	58·3	63·1	66·0	69·0	69·4	72·3	71·5	72·2	72·3	71·9	73·0	70·7	66·2	62·7	60·6	58·8	57·1
31	55·4	54·3	53·4	52·6	52·7	54·3	57·4	60·4	63·2	64·8	66·9	68·5	68·9	69·1	*	68·3	67·6	66·9	67·1	65·3	64·3	63·4	62·8	61·3

* Record defective or Instrument out of action.

HOURLY VALUES — July 1874

CISTERN 34 FEET ABOVE MEAN SEA LEVEL

2	3	4	5	6	7	8	9	10	11	MIDT.		DAYS
·013	30·011	30·001	29·997	29·993	29·995	29·994	30·005	30·005	29·999	29·989		1
·830	29·824	29·822	·828	·840	·861	29·868	29·869	29·884	29·886	29·890		2
·002	30·006	29·998	29·996	29·992	29·994	30·006	30·010	30·020	30·028	30·035		3
·042	·061	30·045	30·047	30·058	30·086	·093	·105	·115	·125	·136		4
·185	·181	·175	·183	·189	·196	·215	·231	·245	·257	·262		5
·226	·206	·196	·188	·182	·180	·182	·187	·190	·193	·186		6
·075	·067	·056	·049	·040	·044	·054	·060	·046	·053	·060		7
·071	·066	·055	·054	·062	·074	·077	·088	·100	·104	·110		8
·074	·075	·061	·051	·062	·066	·078	·081	·078	·095	·097		9
·041	30·022	30·003	30·001	30·007	30·008	30·018	30·031	30·037	30·027	30·015		10
·925	29·917	29·915	29·923	29·914	29·925	29·929	29·937	29·940	29·948	29·958		11
·990	29·984	29·987	29·982	29·986	29·999	30·008	30·025	30·031	30·037	30·046		12
·084	30·076	30·069	30·062	30·064	30·071	30·069	30·072	·068	·065	·062		13
·995	29·991	29·981	29·975	29·976	29·979	29·981	29·993	·003	·019	·027		14
·100	30·095	30·091	30·088	30·093	30·105	30·122	30·136	·153	·166	·171		15
·173	·167	·158	·159	·165	·174	·193	·208	·209	·209	·207		16
·212	·208	·200	·200	·202	·210	·222	·233	·234	·242	·249		17
·183	30·173	30·150	30·142	30·145	30·144	30·151	30·152	30·147	30·159	30·155		18
·993	29·973	29·955	29·948	29·949	29·953	29·962	29·967	29·967	29·966	29·959		19
·816	·795	·777	·775	·781	·786	·805	·807	·803	·803	·802		20
·748	·741	·750	·760	·776	·797	·822	·834	·849	·860	·870		21
·909	·893	·878	·870	·872	·874	·875	·879	·872	·865	·855		22
·785	·778	·775	·782	·781	·796	·809	·822	·822	·827	·832		23
·778	·791	·783	·778	·780	·792	·804	·819	·822	·830	·842		24
·882	·874	·858	·849	·846	·830	·851	·850	·850	·836	·826		25
·660	·659	·658	·659	·665	·672	·687	·699	·704	·710	·712		26
·703	·695	·681	·682	·680	·680	·685	·690	·689	·683	·678		27
·608	·610	·602	·598	·584	·591	·607	·620	·619	·623	·622		28
·708	·713	·723	·729	·736	·757	·783	29·799	29·803	29·814	29·825		29
·931	·941	·937	·940	·946	·959	·983	30·000	30·017	30·026	30·034		30
·989	29·980	29·973	29·964	29·957	29·949	29·944	29·944	29·951	29·939	29·931		31

WET BULB THERMOMETER — 10 FEET ABOVE GROUND

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.		DAYS
0	58·1	58·0	57·8	58·1	58·6	59·1	59·3	59·1	59·2	58·3	58·3	58·9	59·3	59·7	61·0	62·0	60·6	60·7	59·5	57·6	56·0	54·2	54·2		1
2	52·7	52·7	53·8	56·5	58·6	61·9	63·5	63·3	67·5	68·2	71·0	69·2	69·9	67·9	64·5	60·0	61·0	62·5	60·9	61·5	60·4	60·7	60·2		2
1	55·9	55·9	56·2	55·7	56·8	57·1	57·0	58·4	57·—	57·9	58·5	58·9	59·0	58·5	57·7	58·3	58·8	57·1	56·—	55·9	55·3	54·9	54·8		3
4	54·6	54·5	54·4	55·6	56·3	56·5	55·8	55·8	56·6	57·8	57·0	57·—	56·9	56·9	58·3	56·9	57·5	55·0	55·1	55·0	54·6	53·4	52·3		4
9	50·8	49·7	49·6	50·1	51·9	53·0	53·8	53·6	53·9	54·9	55·0	54·9	55·5	55·3	54·1	55·0	55·2	55·9	55·0	55·2	54·3	53·2	52·7		5
1	49·2	48·2	48·6	49·3	51·7	53·2	53·8	53·6	53·5	55·0	55·0	56·1	56·8	57·1	56·0	56·1	55·3	56·4	55·9	54·1	53·0	52·3	51·2		6
5	51·0	49·8	49·4	49·4	52·5	55·1	55·2	56·0	56·6	57·2	57·1	57·0	60·3	60·6	54·9	59·8	57·7	55·4	54·3	53·7	53·4	53·4	52·9		7
3	51·3	50·1	48·9	49·9	51·9	55·3	57·1	59·4	61·0	62·6	62·3	64·9	63·2	65·9	66·2	64·6	66·6	65·8	64·0	62·5	60·9	60·4	57·6		8
9	55·0	54·3	52·5	54·2	56·2	58·7	60·2	59·3	62·9	65·3	66·8	66·9	66·5	67·2	66·0	65·3	67·1	67·3	66·4	64·7	64·7	64·9	63·6		9
3	63·0	63·3	62·3	62·5	64·3	65·5	64·8	66·8	66·5	66·3	68·0	68·6	68·6	68·7	68·0	69·0	69·6	68·0	67·1	66·2	64·5	63·5	63·9		10
9	63·8	63·4	63·1	63·3	62·9	63·3	65·3	65·0	65·4	66·7	68·0	67·8	68·3	68·3	67·9	66·2	65·5	65·4	64·2	64·0	63·3	60·9	60·0		11
5	59·1	59·3	59·2	59·8	59·4	57·0	57·7	57·8	59·3	59·5	60·0	61·0	60·7	63·0	61·3	62·9	64·5	63·8	62·9	62·1	61·7	60·9	59·8		12
1	59·3	58·3	58·3	58·2	58·1	60·3	61·3	62·1	63·1	63·3	63·9	63·0	63·5	65·7	65·6	65·3	65·7	65·4	63·5	62·4	61·8	60·8	60·0		13
9	58·3	58·2	57·5	57·8	58·0	58·8	61·0	62·3	63·9	64·6	64·2	66·1	65·8	65·8	66·—	67·8	66·8	67·3	66·2	65·—	63·8	62·3	61·1		14
5	58·3	57·5	56·7	57·0	58·6	59·0	59·0	59·8	60·7	61·3	61·2	62·3	62·2	63·3	62·8	62·8	62·8	59·8	58·0	57·4	57·4	57·1	58·6		15
2	55·6	54·9	54·9	54·8	56·0	58·4	59·1	60·5	60·9	61·7	61·4	61·9	61·8	61·9	61·4	58·7	59·2	59·8	57·4	56·3	55·5	56·3	54·5		16
0	53·1	52·9	52·5	51·5	54·2	56·0	56·2	57·—	58·8	59·5	60·2	60·9	60·—	62·1	62·2	61·3	60·3	59·2	56·2	53·9	53·3	53·0	52·6		17
	51·2	50·1	49·4	49·9	51·2	53·9	55·3	57·1	57·6	58·6	59·3	61·8	62·0	62·6	62·1	61·—	60·4	57·3	57·4	58·3	56·4	55·2	55·0		18
.	53·2	53·4	53·7	54·—	56·2	58·0	58·3	59·5	61·8	64·7	65·9	69·0	68·8	68·3	67·8	66·7	66·0	64·9	62·9	62·6	60·9	60·3	59·3		19
.	57·7	56·5	56·3	56·2	57·9	61·0	63·3	63·8	64·2	65·4	64·9	67·0	66·1	67·3	67·3	66·5	65·1	64·0	61·1	59·5	58·9	59·1	58·5		20
.	57·2	56·8	56·1	55·8	57·4	59·1	60·6	59·3	58·4	56·0	58·4	58·1	58·5	58·2	59·9	59·0	58·5	57·7	56·1	55·7	55·1	54·7	54·6		21
.	53·1	52·2	51·9	52·3	54·2	55·9	55·3	56·4	56·8	57·0	55·8	54·8	56·3	56·8	55·9	55·9	55·7	55·6	54·3	55·0	54·9	55·2	55·7		22
.	56·2	56·1	56·1	55·8	55·9	55·7	56·6	56·9	58·0	57·9	58·9	59·3	56·8	57·3	57·8	58·3	58·3	56·6	56·0	54·4	53·1	52·4	51·8		23
.	50·7	50·2	50·1	51·3	51·7	54·1	54·7	54·9	55·6	55·1	56·9	56·0	52·3	56·2	56·9	56·3	58·2	58·3	56·1	55·7	54·1	52·7	51·0		24
.	48·5	48·0	46·9	47·8	49·5	51·7	54·5	56·1	56·5	56·0	56·8	57·5	56·3	59·1	57·8	59·6	59·3	58·4	58·0	58·1	58·0	57·4	57·0		25
.	56·5	54·6	54·7	54·5	54·7	54·9	56·0	57·2	58·3	60·2	59·2	58·2	57·3	58·5	58·5	59·3	60·0	59·5	59·0	58·1	57·8	57·7	57·6		26
.	56·5	56·1	55·4	55·8	56·2	56·1	57·0	57·1	57·0	57·7	58·4	58·7	60·2	59·4	61·0	59·2	58·0	57·8	57·5	57·3	56·1	55·4	55·1		27
2	52·5	53·1	54·1	56·5	56·3	56·8	59·8	59·7	57·5	56·7	58·5	60·5	58·9	58·0	58·3	59·4	59·7	57·9	56·0	54·9	54·5	53·4	52·7		28
.	50·9	49·1	48·4	49·5	50·0	51·3	53·0	56·3	57·3	58·1	58·5	57·2	60·8	58·4	58·1	59·7	59·4	60·3	58·5	56·6	56·3	55·5	54·3		29
2	52·7	52·3	51·4	51·4	51·2	53·2	53·0	56·3	56·3	55·—	57·6	59·5	59·9	60·1	60·8	60·4	60·0	59·3	57·9	56·7	55·3	54·8	54·1		30
.	52·8	52·0	51·5	51·6	52·9	53·0	56·6	57·7	57·4	58·9	59·4	60·0	59·9	·—	61·6	61·7	61·8	62·0	61·3	61·2	60·5	59·4	57·3		31

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ROBERT H. SCOTT, Director.

KEW OBSERVATORY LAT. 51°28' N LONG. 0°19' W.

WIND

DIRECTION IN NUMBERS { 8 – E, 24 – W. 16 – S, 32 – N. }

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	21	5	21	16	20	15	20	15	21	10·5	20	11	19	12	18	12	19	13	19	14	20	13	19	16	20	16
2	20	4	20	4	20	4·5	20	4·5	20	4·5	20	4·5	20	4	17	11	16	11	18	15	18	16	17	17	18	18
3	21	14	22	13	21	12	20	14	19	15	19	19	21	20	21	23	17	22	21	23	19	26	20	25	20	30
4	19	12	20	12	20	12	19	13	19	12	19	17	21	17	21	18	21	20	21	22	20	21	24	16	21	17
5	22	5·5	20	8·5	20	6·5	20	6·5	20	7·5	20	9·5	23	11	24	14	25	16	24	15	25	13	23	14	23	18
6	24	2	24	3	24	4	24	2	24	1·5	24	2	30	6·5	4	8·5	3	9·5	5	7·5	3	4·5	4	4	5	5
7	8	5·5	8	3	8	4	8	3	8	3	8	4	8	9·5	9	12	10	14	10	16	10	13	9	13	10	8
8	10	2	10	2	10	3	10	2	10	1·5	10	2	10	1·5	10	3	10	4	10	5·5	19	5·5	19	7·5	19	7
9	19	3	19	1·5	19	2	19	2	19	2	19	2	19	2	19	2	19	3	19	4·5	21	7·5	19	8·5	19	7
10	18	9·5	16	4	16	2	16	3	16	2	16	3	16	4	18	4	18	4·5	18	5·5	18	7·5	20	9·5	25	4
11	2	4·5	30	4	31	4	31	4	31	4	31	4	2	4·5	2	4	2	3	30	4	30	4	30	5·5	32	5
12	3	5·5	3	4	3	3	3	3	3	3	1	4·5	32	5·5	32	5·5	30	6·5	24	7·5	27	4·5	26	7·5	26	6
13	19	5·5	19	5·5	19	4·5	19	4	19	4	19	4	19	6·5	20	7·5	20	7·5	20	8·5	20	8·5	22	13	20	13
14	20	5·5	20	5·5	20	6·5	20	5·5	21	4·5	21	7·5	22	8·5	21	7·5	25	7·5	20	8·5	23	10·5	24	8·5	25	9
15	15	3	25	3	25	2	25	2	25	2	25	2	1	7·5	3	9·5	3	8·5	3	7·5	1	7·5	29	6·5	1	5
16	9	4	9	4	6	4·5	6	4	6	4·5	6	9·5	7	12	7	14	8	18	9	18	8	20	9	20	8	22
17	9	5·5	9	5·5	9	6·5	7	3	5	6·5	5	6·5	6	9·5	9	10·5	8	10·5	9	8·5	5	11	7	10·5	6	14
18	9	2	9	3	9	3	9	2	9	2	9	3	8	4	6	5·5	7	9·5	7	8·5	5	10·5	10	14	9	15
19	9	4	9	4·5	9	4	6	6·5	5	5·5	5	4·5	5	5·5	5	8·5	5	6·5	5	4·5	6	4	6	4·5	12	5
20	10	1·5	10	2	10	1·5	10	1·5	10	1·5	10	3	10	4	13	5·5	22	6·5	23	6·5	26	8·5	26	8·5	20	10
21	24	6·5	24	6·5	22	7·5	22	5·5	22	4·5	21	8·5	21	11	20	14	23	12	21	14	23	17	22	19	24	21
22	22	7·5	22	8·5	22	5·5	22	7·5	22	7·5	22	7·5	21	9·5	24	10·5	22	13	22	15	22	18	23	15	22	17
23	19	6·5	19	5·5	19	6·5	19	5·5	19	8·5	20	8·5	23	9·5	24	8·5	24	11	22	13	22	14	23	12	21	17
24	24	5·5	24	6·5	22	6·5	22	4·5	22	5·5	22	5·5	24	7·5	24	5·5	23	7·5	22	7·5	21	8·5	19	8·5	29	11
25	17	4·5	17	2	17	3	17	3	17	4	17	4	23	4·5	24	3	28	4	28	7·5	1	5·5	30	5·5	28	5
26	20	7·5	22	10·5	22	6·5	21	6·5	14	5·5	14	6·5	15	7·5	15	11	18	14	18	10·5	21	9·5	24	12	24	16
27	20	6·5	20	5·5	20	7·5	20	8	20	6·5	20	4·5	19	7·5	19	5·5	21	8·5	16	8·5	17	9·5	19	8·5	18	10
28	18	4	18	5·5	18	6·5	18	6·5	18	5·5	18	5·5	14	8·5	14	6·5	14	8·5	22	7·5	20	4·5	19	5·5	18	6
29	19	1·5	19	2	19	3	19	2	19	3	19	2	19	4·5	19	4	19	3	22	5·5	25	5·5	24	4·5	29	6
30	32	2	32	4	32	4	32	4	32	4·5	29	4·5	29	4·5	25	5·5	23	8·5	22	8·5	24	9·5	24	10·5	24	11
31	24	4·5	24	6·5	24	4·5	24	4·5	24	5·5	24	4·5	22	4·5	22	7·5	22	9·5	20	12	....	....	....	....	....	....

RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET. HEIGHT ABOVE MEAN SEA LEVEL 20 FEET. }

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	–	–	–	–	–	·006	·005	·010	·030	·015	·010	–	–	–	–	–	–	–	–	–	–	–	–	–
2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	·030	–	·005	·005	–	–	–	·040	·005	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
7	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·030
11	·050	·010	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·030	·050	·050	·070	–	–	–	–
13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
17	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
23	–	–	–	–	–	–	–	–	–	–	–	·020	–	–	–	–	–	–	–	–	–	–	–	–
24	–	–	–	–	–	–	–	–	–	–	·010	–	–	–	·050	–	–	–	–	–	–	–	–	–
25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
26	–	–	–	–	·015	·015	·005	·010	·005	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
27	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	·005	–	–	–	–	–	–	–	–
28	–	–	–	–	–	·005	·020	·010	–	·390	·165	·070	–	–	–	–	–	–	–	–	–	–	–	–
29	–	–	–	–	–	–	–	–	–	–	–	–	·010	·005	–	–	–	–	–	–	–	–	–	–
30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
31	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

* *Record defective or Instrument out of action.*

HOURLY VALUES July 1874

AND VELOCITY IN MILES PER HOUR

2		3		4		5		6		7		8		9		10		11		MIDT.				DAYS
V		D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V			
21		20	17	19	18	19	16	19	17	19	12	20	5·5	20	4	20	4	20	4	20	3			1
13		19	17	20	19	20	17	21	17	21	12	20	8·5	20	12	21	13	21	14	20	14			2
24		20	29	20	27	20	25	20	27	20	23	20	21	20	19	20	19	20	15	20	13			3
22		24	11	21	15	21	21	23	14	25	12	23	6·5	21	9·5	21	7·5	21	7·5	22	5·5			4
16		24	12	25	11	23	10·5	25	8·5	24	5·5	24	5·5	24	4·5	24	4·5	24	3	24	3			5
4		5	4·5	3	7·5	2	7·5	2	5·5	7	3	7	7·5	8	11	8	11	8	9·5	8	7·5			6
8·5		13	8·6	10	12	10	13	10	13	10	12	10	12	10	9·5	10	9·5	10	7·5	10	5·5			7
9·5		18	9·5	20	8·5	19	10·5	18	10·5	19	9·5	19	5·5	19	4·5	19	4	19	4·5	19	4			8
8·5		20	8·5	20	7·5	19	8·5	18	7·5	18	4·5	18	4	18	3	18	3	18	4·5	18	6·5			9
4·5		27	5·5	26	0·5	22	9·5	21	9·5	21	7·5	2	5·5	32	10·5	8	5·5	2	5·5	2	4			10
7·5		30	4·5	30	4	9	6·5	5	5·5	5	4·5	5	4·6	5	3	5	6·5	5	4	5	5·5			11
6·5		23	6·5	25	6·5	25	4	21	5·5	19	9·5	19	9·5	19	7·5	19	4·5	19	4·5	19	5·5			12
11		18	10·5	18	11	20	11	20	11	19	11	19	9·5	20	6·5	20	5·5	20	5·5	20	4·5			13
9·5		25	9·5	23	8·5	25	9·5	24	6·5	25	4·5	25	5·5	25	4·5	25	4·5	25	3	25	4			14
6·5		5	8·5	2	8·5	2	7·5	2	11	8	21	9	16	9	10·5	9	5·5	9	4·5	9	4			15
19		9	20	9	21	9	21	8	17	9	12	9	13	9	12	9	11	9	7·5	9	6·5			16
11		10	7·5	9	14	9	15	8	15	9	10·5	9	9·5	9	9·5	9	7·5	9	4	9	4			17
15		9	15	9	16	9	13	9	15	9	13	9	10·5	9	7·5	9	8·5	9	10·5	9	7·5			18
8·5		14	9·5	8	17	10	14	10	12	10	8·5	10	8·5	10	6·5	10	4·5	10	5·5	10	3			19
11		23	14	23	14	23	12	24	13	25	10·5	25	9·5	24	8·5	23	9·5	23	7·5	23	8·5			20
21		23	21	26	20	24	19	24	19	25	17	24	13	23	14	23	12	23	8·5	23	9·5			21
13		22	13	21	14	20	15	23	10·5	22	9·5	21	10·5	20	7·5	20	7·5	20	8·5	20	9·5			22
16		24	17	22	15	28	13	26	10·5	29	9·5	29	3	26	7·5	25	7·5	24	6·5	24	5·5			23
11		16	9·5	14	4·5	14	4·5	16	7·5	16	4·5	16	4·5	16	5·5	16	4·5	17	4	17	3			24
4·5		18	7·5	23	6·5	19	10·5	21	14	20	12	20	9·5	20	7·5	20	7·5	20	5·5	20	6·5			25
13		24	16	24	13	23	12	20	13	20	14	20	12	20	6·5	20	6·5	20	6·5	20	5·5			26
5·5		17	13	18	13	18	17	19	13	18	13	18	11	18	7·5	18	4·5	18	6·5	18	4			27
13		18	14	17	15	17	13	18	11	19	10·5	19	4·5	19	4	19	4	19	3	19	2			28
6·5		27	7·5	26	4·5	27	6·5	28	6·5	26	3	32	2	32	4·5	32	4	32	2	32	4			29
10·5		23	11	23	8·5	25	6·5	24	10·5	25	7·5	24	8·5	24	5·5	24	6·5	24	6·5	24	6·5			30
·		·	·	21	14	19	14	19	13	20	12	19	13	19	12	22	8·5	22	8·5	21	11			31

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